



Scientific Report

IMIBIC 2025



INDEX

1. DIRECTOR’S FOREWORD TO THE SCIENTIFIC REPORT 2025	7	9. PLATFORMS AND NETWORKS	185
2. GOVERNANCE AND STRUCTURE	11	10. TRAINING	193
2.1 ORGANIZATION CHART	12	10.1 TRAINING PROGRAMS	195
2.2 SCIENTIFIC STRUCTURE	19	10.2 TRAINING ACTIVITIES	195
3. GOALS & HIGHLIGHTS IN 2025	23	10.3 INSTITUTIONAL EVENTS	195
3.1 GOALS FOR 2025	24	10.4 RESULTS OF THE TRAINING ACTIVITIES	200
3.2 HIGHLIGHTS	25	11. INNOVATION AND TECHNOLOGY TRANSFER	205
4. STAFF	27	12. BIOMEDICAL RESEARCH SUPPORT UNITS	209
5. MANAGEMENT STAFF	33	12.1 ISOTOPE AND PRECLINICAL IMAGING UNIT	210
5.1 R&D MANAGEMENT UNIT	35	12.2 ANIMAL EXPERIMENTATION UNIT	213
5.2 INNOVATION & TRANSFER UNIT	35	12.3 FLOW CYTOMETRY UNIT	216
5.3 FINANCIAL AND HUMAN RESOURCES UNIT	36	12.4 ADVANCED OPTICAL MICROSCOPY UNIT	219
5.4 STAFF UNIT	37	12.5 IMIBIC MASS SPECTROMETRY AND MOLECULAR IMAGING UNIT (IMSMI)	222
6. FUNDING	39	12.6 BIOINFORMATICS UNIT	226
7. FACTS & FIGURES	45	12.7 GENOMICS UNIT	230
7.1 STAFF	46	12.8 CLINICAL RESEARCH UNIT	234
7.2 PUBLICATIONS	49	12.9 BIOBANK UNIT	239
7.3 NUMBER OF CLINICAL GUIDELINES, CONSENSUS DOCUMENTS AND PROTOCOLS	54	12.10 GENERAL PROCEDURES UNIT	241
7.4 RESEARCH PROJECTS AND NETWORKS	54	12.11 TECHNOLOGICAL INNOVATION UNIT	245
7.5 CLINICAL TRIALS	57	12.12 3D BIOPRINTING UNIT	249
8. SCIENTIFIC PRODUCTION	61	13. COMMUNICATION & RRI	253
8.1. SCIENTIFIC PROGRAMS	62	14. GOALS FOR 2026	257
8.2. SCIENTIFIC GROUPS	75	15. ANNEXES	261

**DIRECTOR'S
FOREWORD TO THE
SCIENTIFIC REPORT
2025**

01





María del Mar Malagón Poyato
Deputy Scientific Director

Pablo Pérez Martínez
Scientific Director

DIRECTOR'S FOREWORD TO THE SCIENTIFIC REPORT 2025

The year 2025 represents a defining milestone for IMIBIC. It marks the successful completion of our Strategic Plan 2021-2025 and the beginning of a new cycle through the Strategic Plan 2026-2030. At the same time, it has been a year of preparation for the renewal of our accreditation as a Health Research Institute, providing an opportunity not only to evaluate what we have achieved, but also to define with ambition the next stage of our development.

Looking back over the past five years, the progress of IMIBIC has been both measurable and transformative. The Institute has grown in scientific excellence, international competitiveness, clinical research capacity, innovation, talent development and societal engagement. More importantly, it has strengthened a research culture founded on collaboration, scientific leadership and the shared conviction that outstanding biomedical research must ultimately improve people's health.

Scientific excellence remains the defining characteristic of IMIBIC. Our researchers are publishing more than ever before. More importantly, they are publishing research of increasingly higher quality and international impact, reflecting the growing scientific maturity, leadership and competitiveness of our Institute.

Our ability to compete successfully for research funding has evolved in parallel. The objectives established in the Strategic Plan have been achieved and, in several areas, exceeded. Competitive funding increased by more than 60% compared with the 2016-2020 period, while our success rate in the 2025 Instituto de Salud Carlos III calls surpassed 57%, positioning IMIBIC among the country's most competitive biomedical research institutes.

One of our greatest achievements has been the continued investment in people. Our commitment to attracting and nurturing talented clinician-scientists has translated into outstanding success in highly competitive national career development programmes. During the Strategic Plan, the number of Río Hortega, Sara Borrell and Juan Rodés awards more than doubled compared with the previous five-year period, demonstrating IMIBIC's growing capacity to develop the next generation of clinical research leaders. Alongside this clinical research pipeline, IMIBIC has also strengthened its experimental capacity by attracting and integrating highly promising researchers through prestigious Ramón y Cajal, Miguel Servet and Nicolás Monardes programmes, consolidating a more robust and multidisciplinary scientific ecosystem.

Internationalisation has become an integral component of our identity. The Strategic Plan set an ambitious objective of increasing international competitive funding by 50%, and this goal has been successfully accomplished. Building upon the achievement of an ERC Advanced Grant in 2023, 2025 has brought new European collaborative projects, leadership of international work packages, participation in multinational consortia and new international clinical research initiatives. Together, these accomplishments confirm IMIBIC's transition from an active participant to an increasingly recognised leader within the European research landscape.

Clinical research has experienced equally significant growth. Revenue generated through clinical trials has increased by more than 90% compared with the previous strategic period, reaching €24.2 million. The accreditation of our Early Phase Clinical Trials Unit, together with the award of five ISCIII-funded clinical studies and the licensing of nine patents during the Strategic Plan, demonstrates the strength of an ecosystem capable of transforming scientific discoveries into innovations that directly benefit patients and society.

Beyond scientific performance, IMIBIC continues to invest in the foundations that sustain excellence. During the 2021-2025 period, almost one thousand students completed research placements at the Institute and 156 doctoral theses were successfully defended, reinforcing our commitment to training future generations of researchers. Our visibility has also expanded considerably, welcoming more than 9,800 visitors, including an increasing number of international delegations, and attracting over €600,000 in philanthropic support. Likewise, the remarkable growth of the UCAIB platform, which has nearly doubled its annual activity since 2020, illustrates the increasing strength of our research infrastructure and its value to the biomedical community.

Alongside the successful completion of the HRS4R Action Plan and the renewal of the HRS4R quality label, IMIBIC has continued to strengthen its commitment to quality, equality and responsible research. National recognition awarded by the Spanish Ministry of Equality, together with the continuous development of our quality management systems, reflects our conviction that excellence in research is inseparable from excellence in the way research institutions are led and governed.

These achievements do not represent the end of a strategic cycle; they represent the foundation upon which the next one begins. The Strategic Plan 2026-2030 builds upon an Institute that is stronger, more international and more ambitious than ever before. Our priorities remain clear: to pursue scientific excellence without compromise, to strengthen international leadership, to accelerate innovation and knowledge transfer, to attract and develop outstanding talent, and to ensure that every scientific advance ultimately contributes to improving health and healthcare.

The pages that follow document the accomplishments of a single year, but they also tell the story of a collective effort sustained over five years. They reflect an Institute that continues to evolve, to challenge itself and to embrace new opportunities with confidence. Above all, they demonstrate that IMIBIC has entered a new stage of maturity-one in which excellence is no longer an aspiration, but the standard from which we continue to grow.

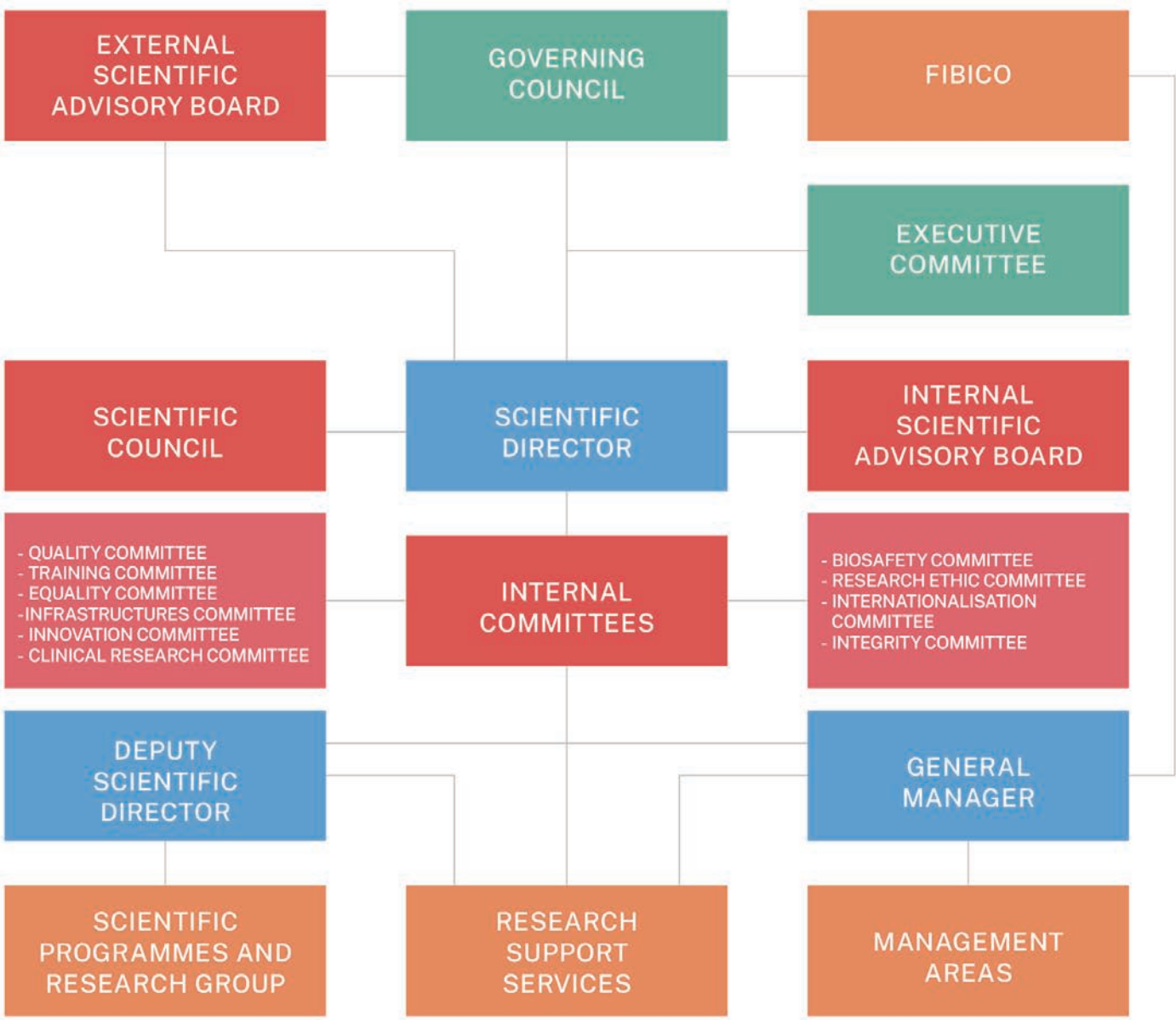
GOVERNANCE AND STRUCTURE

02



2.1 ORGANIZATION CHART

The governing and representative bodies of IMIBIC are set out below:



A. 1. COLLEGIATE BODIES

The collegiate bodies that make up the IMIBIC are the Governing Council, the Executive Committee, the External Scientific Advisory Board, the Internal Scientific Advisory Board and the Scientific Council. Each body is composed of a number of specialists and has its own competencies.

» GOVERNING COUNCIL

The Governing Council is the main governing body of IMIBIC. The Governing Council is composed of the following members:

- Two representatives from the Regional Ministry of Health and Consumer Affairs of the Regional Government of Andalusia
Mr. Isaac Túnez Fiñana (till 14/01/2025)
Secretary General of Public Health and R&D+i in Health of the Regional Ministry of Health and Consumer Affairs.
Ms. Aurea Morillo García (since 07/02/2025)
Secretary General of Public Health and R&D+i in Health of the Regional Ministry of Health and Consumer Affairs
Mr. Francisco de Asis Triviño Tarradas
Managing Director of the Reina Sofia University Hospital and President of FIBICO.
- Two representatives from the Regional Ministry of University Research and Innovation.
Ms. Loreto del Valle Cebada
Director General of Research Planning.
Mr. José Francisco Viso Sánchez (till 14/01/2025)
Territorial Delegate for Educational Development and University Research and Innovation.
Mr. Diego Angel Copé Gil (since 14/01/2025)
Territorial Delegate for Educational Development and University Research and Innovation.
- Two representatives from the University of Córdoba
Ms. Mª José Polo Gómez
Vice-Rector for Science Policy.
Ms. Lourdes Arce Jiménez
Vice-Rector for Innovation and Transfer.
- One representative from the Andalusian Public Foundation for Progress and Health (FPS)
Mr. Gonzalo Balbontín Casillas
Managing Director
- Scientific Director, IMIBIC
Mr. Pablo Pérez Martínez
- General Manager, IMIBIC
Mr. Álvaro Granados del Río

» EXECUTIVE COMMITTEE

On July 27, 2015, the Governing Council adopted the agreement to create an Executive Committee to facilitate efficient decision-making. The Executive Committee is made up of one member from each of the institutions that constitute the Governing Council, as set out in the collaboration agreement between the Regional Ministry of Health and Families, the Regional Ministry of Economic Transformation, Knowledge, Industry and Universities, and the University of Córdoba. The Scientific Director and General Manager participate in an advisory capacity, but without voting rights.

- One representative from the Regional Ministry of Health and Consumer Affairs of the Regional Government of Andalusia
Mr. Francisco de Asis Triviño Tarradas
Managing Director of the Reina Sofia University Hospital and President of FIBICO
- One representative from the Regional Ministry of University Research and Innovation
Mr. D. José Francisco Viso Sánchez (till 14/01/2025)
Territorial Delegate for Educational Development and University Research and Innovation.
Mr. Diego Angel Copé Gil (since 14/01/2025)
Territorial Delegate for Educational Development and University Research and Innovation.
- One representative from the University of Córdoba
Mr. Rafael Solana Lara
Vice-Rector for Health and Welfare of the University Community.
- One representative from the Andalusian Public Foundation for Progress and Health (FPS)
Mr. Gonzalo Balbontín Casillas
Managing Director
- Scientific Director, IMIBIC
Mr. Pablo Pérez Martínez
- General Manager, IMIBIC
Mr. Álvaro Granados del Río

» EXTERNAL SCIENTIFIC ADVISORY BOARD

The External Scientific Advisory Board is appointed by the Governing Board and its mission is to assist the Governing Council, the Scientific Council and the Scientific Director in the performance of their duties. It acts as an advisory body to the Scientific Management, although its opinions and recommendations are not legally binding. It was created on July 9, 2009, under the name of the External Advisory Board, and ratified by the Governing Council on December 21, 2009. The External Scientific Advisory Board is made up of a minimum of three and a maximum of ten highly qualified professionals with recognized experience in their field of research. Members of the External Scientific Advisory Board must carry out their professional activity outside the Autonomous Community of Andalusia, and at least one of them must not be resident in Spain. Members must be able to individually demonstrate that they have no conflicts of interest. The members of the board are:

- **Ms. Lina Badimón Maestro**
Director of the Institut Català de Ciències Cardiovasculars – ICCV, IIB-Sant Pau, CiberCV, Hospital de Sant Pau (Barcelona).
- **Mr. Carlos Diéguez González**
Director of Centre for Research in Molecular Medicine and Chronic Diseases (CIMUS) of the University of Santiago.
- **Mr. José María Ordovás Muñoz**
Director of the Nutrition and Genomics Laboratory at the Human Nutrition Research Center on Aging, Tufts University, Boston (EEUU), Senior Scientist, IMDEA Alimentacion, Madrid, and Collaborating Scientist at CNIC.
- **Mr. Francisco Sánchez Madrid**
Full Professor of Immunology, Universidad Autónoma de Madrid; Head of Service of Instituto de Investigación Princesa del Hospital Universitario de la Princesa (Madrid).
- **Ms. Mª José Alonso Fernández (since 16/09/2025)**
Professor of Pharmacy and Pharmaceutical Technology at the University of Santiago de Compostela. IP Nanomedicine and Drug Delivery (CiMUS).

» INTERNAL SCIENTIFIC ADVISORY BOARD

The Internal Scientific Advisory Board is an advisory body to the Scientific Director. It is composed of the Scientific Director and Researchers (including researchers in training) and represents all priority scientific areas of the Institute. The Internal Scientific Advisory Board consists of the following members (a maximum of 18). It includes those responsible for Quality, Innovation and Training. It was established on November 25, 2019 (and was previously known as the Permanent Committee of the Scientific Council). The members of the board are as follows:

- | | |
|--|--|
| • Mr. Pablo Pérez Martínez | Scientific Director |
| • Mr. Álvaro Granados del Río | General Manager |
| • Ms. Mª del Mar Malagón Poyato | Deputy Scientific Director |
| • Mr. Juan de la Haba Rodríguez | Coordinator of Clinical Research |
| • Mr. Fernando Sarramea Crespo | Coordinator of Active Ageing and Frailty Program |
| • Mr. Manuel Tena Sempere | Coordinator of the Nutrition, Endocrine and Metabolic Diseases Program |
| • Mr. Antonio Rivero Román | Coordinator of the Infectious & Immunological Diseases and Organ Transplantation Program |
| • Mr. Marco A. Calzado Canale | Coordinator of the Cancer (Oncology and Oncohematology) Program |
| • Ms. Marina Álvarez Benito | Coordinator of the Chronic and Inflammatory Diseases Program |
| • Mr. Raúl Luque Huertas | Designated representative of the Training Committee |
| • Mr. Luis Fernández Formoso | Designated representative of the Innovation Committee |
| • Ms. Nuria Barbarroja Puerto | Emerging Researcher |
| • Ms. Ana Gordon Bermúdez-Coronel | Emerging Researcher |
| • Mr. Alvaro Arjona Sánchez | Emerging Researcher |
| • Ms. Maria Casares Jiménez | Predoctoral Researcher |

» SCIENTIFIC COUNCIL

The Scientific Council acts as an advisory body to the Scientific Director. It is composed of the Scientific Director, the Deputy Scientific Director, Principal Investigators (PI), Emerging Researchers (ER), one representative from the Reina Sofia University Hospital (RSUH) Board of Directors, one representative from Research Support Services, one representative of the management staff and the General Manager of the IMIBIC. It was established on July 9, 2009.

B. INDIVIDUAL MEMBERS

The Management Team is responsible for ensuring the effectiveness of performance in order to increase the quality and impact of IMIBIC’s research activity.

- **SCIENTIFIC DIRECTOR**
Dr. Pablo Pérez Martínez
Full Professor of Medicine at the University of Córdoba and specialist in Internal Medicine, Reina Sofia University Hospital, Córdoba.
- **DEPUTY SCIENTIFIC DIRECTOR**
Dr. María del Mar Malagón Poyato
Full Professor of Cell Biology at the University of Córdoba and Principal Investigator of the GC11 research group.
- **CLINICAL RESEARCH PROGRAM COORDINATOR**
Dr. Juan de la Haba Rodríguez
Specialist in Medical Oncology, Reina Sofia University Hospital, and Associate Professor at the University of Córdoba.
- **GENERAL MANAGER**
Mr. Álvaro Granados del Río
BSc in Business Administration and Management. Advanced Program for Management of Health.

C. 1. INTERNAL COMMITTEES

» QUALITY COMMITTEE

This Committee ensures the maintenance of quality and ethical codes in all research activities and among researchers, in accordance with Quality Plan guidelines.

- | | |
|--|--|
| • Dr. Mª del Mar Malagón Poyato | Deputy Scientific Director |
| • Ms. Marisa Escabias Parejo | Quality Specialist |
| • Dr. Sandra Mª Gil Hernández | Head of Quality and Clinical Documentation, RSUH |
| • Dr. José Manuel Aranda Lara | Technical Advisor to the Territorial Delegate of the Andalusian Regional Ministry of Health and Families |
| • Dr. Mª Teresa Roldán Arjona | Principal Investigator GC22 |
| • Dr. Luís Martínez Martínez | Principal Investigator GC24 |
| • Dr. Rafael Solana Lara | Principal Investigator GC01 |
| • Dr. Juan Ruano Ruiz | Principal Investigator GC29 |
| • Dr. Fernando López López | Biobank Technician |

» TRAINING COMMITTEE

This committee is responsible for carrying out the Training Plan, in particular, the Master’s and Doctoral Programmes in Biomedical Research.

- | | |
|--|---|
| • Dr. Mª Encarnacion Rodríguez Ortíz | Emerging Researcher GC13 |
| • Mr. David Luna Gómez | Training Technician |
| • Dr. Mª del Mar Malagón Poyato | Deputy Scientific Director |
| • Mr. Álvaro Granados del Río | General Manager |
| • Dr. Raúl Luque Huertas | Principal Investigator GC27 |
| • Dr. Antonio Pablo Arenas de Larriva | Posdoctoral Researcher GC09 |
| • Dr. Joaquín Toro Santiago | Head of Integrated Training Unit, RSUH |
| • Dr. Nuria Barbarroja Puerto | Emerging Researcher GC05 |
| • Dr. Juan Solivera Vela | Head of Neurosurgery Service, RSUH |
| • Dr. Sebastián Ventura Soto | Principal Investigator GC25 |
| • Ms. Beatriz González Almécija | Predoctoral Researcher GC11 |
| • Ms. Gema García Jurado | Technical Specialist in Cytometry and Microscopy |
| • Dr. Antonio García Ríos | Emerging Researcher |
| • Dr. Rafael Pineda Reyes | Postdoctoral Researcher GC10 |
| • Ms. Isabel de Castro Burón | Communications Officer |
| • Mr. Rafael Blanco Moreno | Teacher of Biology, Ategua Secondary School, Castro del Río |
| • Dr. Esperanza Mª Romero Rodríguez | Principal Investigator GE10 |
| • Ms. Marta Granados Aguirre | Member of the works council |

» EQUALITY NEGOTIATING COMMITTEE

This committee is responsible for the Equality Plan and promotes equal opportunities and equality of treatment between women and men in accordance with the principles of corporate social responsibility and in compliance with current legislation.

• Dr. Mª del Mar Malagón Poyato	Deputy Scientific Director
• Mr. David Luna Gómez	Quality Technician and Secretary of Equality Negotiating Committee
• Ms. Miriam Cruzado Caballero	Head of the Research Management Unit
• Mr. Francisco Javier López Ruiz	Head of Economic and Resource Management
• Mr. Jose Carlos Prieto Baena	International Project Manager
• Mss. Silvia Miranda Castellano	Technician: Economic and Resource Management
• Ms. Marisa Escabias Parejo	Quality Specialist and Staff Representative
• Ms. Estefanía Azcona Corrales	Management Control Technician and Staff Representative
• Dr. Jesús Gay Mimbrera	Predoctoral Researcher GC29 and Staff Representative
• Mr. Daniel José Campón Montilla	Laboratory Technician and Staff Representative
• Dr. Antonio Romero Ruiz	Emerging Researcher GE09 and External Advisor to MIBIC
• Dr. Alejandra Pera Rojas	Emerging Researcher GC01 and External Advisor to MIBIC
• Ms. Mª Dolores Cano	External Advisor

» INFRASTRUCTURES AND RESEARCH SUPPORT SERVICES COMMITTEE

This Committee is responsible for supervising existing IMIBIC infrastructures and implementing the Infrastructure Plan.

• Dr. Mª del Mar Malagón Poyato	Deputy Scientific Director
• Mr. Francisco Javier López Ruiz	Head of Financial and Human Resources Management
• Mr. Álvaro Granados del Río	General Manager
• Dr. Eduardo Chicano Gálvez	Senior Technical Specialist, Research Support Service: Mass Spectrometry and Molecular Imaging Unit
• Dr. Esther Peralbo Santaella	Senior Technical Specialist, Research Support Services: Cytometry and Microscopy
• Ms. Anabel Pozo Salas	Technician, Research Support Services: Animal Experimentation
• Dr. Antonio Rodríguez Ariza	Co-Principal Investigator GC06
• Dr. Rosario López Pedrera	Principal Investigator GC05
• Dr. Daniel López Ruiz	Predoctoral Researcher GA08
• Dr. Sara Cantisán Bohórquez	Researcher GC03
• Dr. Juan A. Moreno Gutiérrez	Principal Investigator GE06
• Dr. Juan Roa Rivas	Emerging Researcher GC10
• Dr. Feliciano Priego Capote	Principal Investigator GC21
• Dr. Esther Rivero Cortés	Senior Technical Specialist for General Procedures

» CLINICAL RESEARCH COMMITTEE

The Clinical Research Committee implements the IMIBIC Clinical Research Plan.

• Dr. Juan de la Haba Rodríguez	Coordinator of Clinical Research
• Dr. José Carlos Garrido Gracia	Head of Clinical Research Unit- Management Area, and Secretary of the Committee
• Dr. Jaime Monserrat Villatoro	Head of Clinical Research Unit- Assistance Area
• Mr. Álvaro Granados del Río	General Manager
• Dr. Julián de la Torre Cisneros	Principal Investigator GC03
• Dr. Concepción Herrera Arroyo	Principal Investigator GC14
• Dr. Clementina López Medina	Researcher GC05
• Dr. Juan Ruano Ruiz	Principal Investigator GC29
• Dr. Álvaro Arjona Sánchez	Principal Investigator GE09
• Dr. Enrique Gómez Gómez	Emerging Researcher GE05
• Dr. Juan Carlos Castillo Domínguez	Researcher GC15
• Dr. Eduardo Agüera Morales	Investigator GC28
• Dr. Mª José Méndez Vidal	Clinical Researcher GC06
• Dr. Daniel López Ruiz	Researcher GA08
• Dr. Mª Dolores Mesa Rubio	Researcher GC15
• Dr. Esperanza Romero Rodríguez	Principal Investigator GE10
• Dr. Javier Torres Borrego	Coordinator of Pediatric Allergy & Pulmonology Unit
• Mr. Ángel Cañadilla Moyano	External Member

» INNOVATION COMMITTEE

The Innovation Committee is responsible for carrying out the IMIBIC Innovation Plan.

• Dr. Pablo Pérez Martínez	Scientific Director
• Dr. Luis Fernández Formoso	Head of Innovation and Technology Transfer Unit
• Dr. Mª del Mar Malagón Poyato	Deputy Scientific Director
• Mr. Antonio Ortega Llamas	Innovation and Technology Transfer Officer
• Mr. Álvaro Granados del Río	General Manager
• Dr. Marina Álvarez Benito	Principal Investigator GA08
• Dr. Antonio P. Arenas	Head of Training HURS
• Dr. Carlos Pérez Sánchez	COBIOMIC
• Dr. Rafaela Ortega Castro	Postdoctoral Researcher GC05
• Dr. Juan Rafael Muñoz Castañeda	Co-Principal Investigator GC13
• Dr. Juan Solivera Vela	Head of Neurosurgery Service RSUH
• Dr. Manuel David Gahete Ortíz	Principal Investigator GC30
• Dr. Antonio Rivero Juárez	Co-Principal Investigator GC26
• Dra. Beatriz Isla Tejera	Facultative Specialist of Area-Hospital Pharmacy
• Mr. Francisco Jiménez San Martín	External Member

» INTERNATIONALISATION COMMITTEE

The Internationalisation Committee is responsible for supervising the IMIBIC Interational Plan.

• Dr. Mª del Mar Malagón Poyato	Deputy Scientific Director
• Dr. José Carlos Prieto Baena	International Project Manager
• Mr. Marcos Núñez Navarro	International Project Manager
• Dr. Antonio Rivero Juárez	Co-Principal Investigator GC26
• Dr. Clementina López Medina	Researcher GC05
• Dr. Manuel Tena Sempere	Principal Investigator GC05
• Dr. Manuel L. Rodríguez Perálvarez	Co-Principal Investigator GC02
• Dr. Pablo Pérez Martínez	Scientific Director
• Mr. Álvaro Granados del Río	General Manager

» BIOSAFETY COMMITTEE

The Biosafety Committee is responsible for assessing and monitoring the biological risks associated with research, ensuring that work involving samples, biological agents and genetically modified organisms is carried out safely and in accordance with regulations. Furthermore, it advises researchers on prevention and containment measures, promotes good laboratory practice and ensures the proper management of waste.

• Dr. Antonio Rivero Juarez	Co-Principal Investigator GC26 / Chair of the committee
• Dr. Juan de la Haba Rodriguez	Clinical Research Coordinator and Co-Principal Investigator GC06
• Dr. Cristina Elías López	CIBERNFEC
• Dr. Rosa Mª Ortega Salas	Postdoctoral researcher GE09
• Dr. Inmaculada Salcedo Leal	Principal Investigator GA13
• Dr. Mª del Mar Malagón Poyato	Deputy Scientific Director and Principal Investigator GC11
• Dr. Ernesto Mejías Pérez	Researcher GC04

» INTEGRITY COMMISSION

The Integrity Committee ensures proper dissemination and establishes the procedures for identifying problems and implementing the relevant measures.

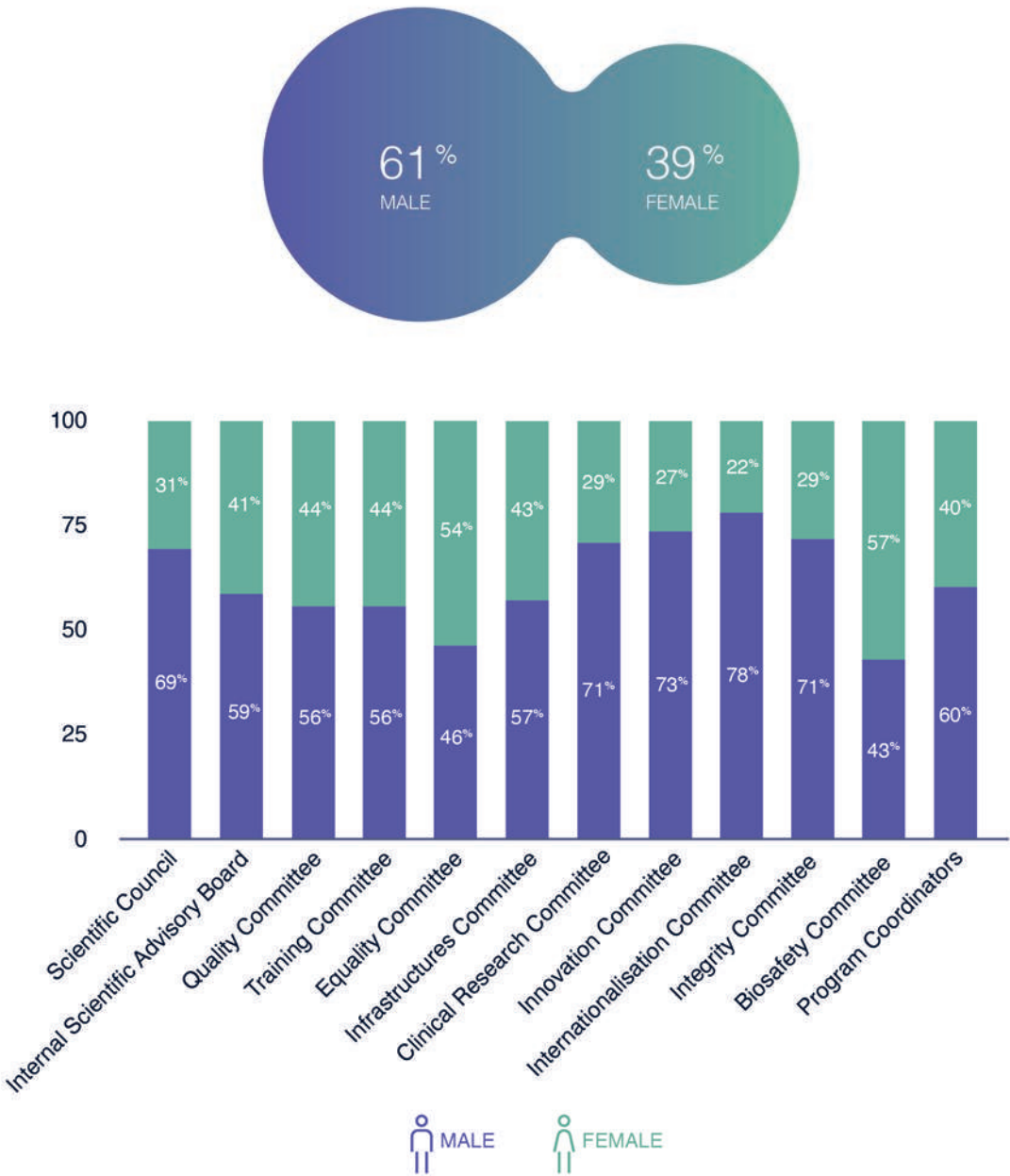
• Dr. Juan Ruano Ruiz	Principal Investigator GC29
• Dr. Manuel Tena-Sempere	Principal Investigator GC10
• Dr. Marina Álvarez Benito	Principal Investigator GA08
• Dr. Marco Antonio Calzado Canale	Principal Investigator GC04
• Dr. Rafael Cejudo Córdoba	Senior Lecturer (PhD)
• Dr. Antonio Rivero Román	Principal Investigator GC26
• Dr. Mª Teresa Roldán Arjona	Principal Investigator GC22

» SCIENTIFIC PROGRAMS

All IMIBIC research groups must be integrated into the scientific programs belonging to the main thematic areas of IMIBIC research being carried out at any given time:

- ACTIVE AGEING AND FRAILITY
Dr. Rafael Solana Lara (till December 2025)
Dr. Fernando Sarramea Crespo (till December 2025)
Dr. Guillermo Molina (from December 2025)
Dr. Alexander Batista (from December 2025)
- NUTRITION, ENDOCRINE AND METABOLIC DISEASES
Dr. Manuel Tena Sempere
Dr. Elena Yubero Serrano (till June 2025)
Dr. Mercedes Gil (from June 2025)
- INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION
Dr. Antonio Rivero Román (till December 2025)
Dr. Sara Cantisán Bohórquez (till June 2025)
- CANCER (ONCOLOGY AND ONCOHEMATOLOGY)
Dr. Juan de la Haba Rodríguez
Dr. Marco A. Calzado Canale
- CHRONIC AND INFLAMMATORY DISEASES
Dr. Rosario López Pedrera
Dr. Marina Álvarez Benito

» INTERNAL COMMITTEE MEMBERS BY GENDER



2.2 SCIENTIFIC STRUCTURE

IMIBIC research activities are organized into five scientific programs, each comprising different research groups. The scientific programs target health problems that are both important and widespread, identifying areas in which the Institute's researchers can combine their efforts in cross-cutting collaborative projects that address and respond to the most crucial health challenges facing European society today, in line with the priorities set out in the European Union's Horizon 2020 program.

Each program is structured to support translational and clinical research that will guide researchers towards the primary goal of improving patient and community health. The programs are designed to foster interaction and cooperation between different groups, to attract new talent and to continually improve the career development opportunities of young researchers. Each of our scientific programs reflects the strengths of our research teams and showcases the areas of expertise of IMIBIC.

The programs are as follows:

» ACTIVE AGEING AND FRAILITY

This program is oriented towards understanding the molecular pathogenic basis of the ageing process in relation to quality of life and to pursuing new strategies in patient care. It includes the following lines of research:

- Immunology and senescence
- Care of the chronically ill
- Frailty and quality of life of the elderly

» NUTRITION, ENDOCRINE AND METABOLIC DISEASES

This program is oriented towards studying metabolic disorders and the endocrine system, in particular the role of nutrition in the prevention and management of these processes at different stages of life. It also focuses on studies of reproductive health and neuroendocrine tumours. It includes the following lines of research:

- Metabolic syndrome
- Reproductive health
- Paediatric and perinatal diseases
- Neuroendocrine tumours

» INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

This program focuses on the study of diseases caused by different infectious agents, with a special emphasis on infections in immunocompromised patients. It includes the following lines of research:

- HIV + Hepatitis C virus
- Transplants
- Multidrug resistance

» CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

This program focuses on the study of neoplastic diseases, including both solid tumours and haematological neoplasms. It includes the following lines of research:

- Lung cancer
- Breast cancer
- Hepatocellular carcinoma
- Leukaemia and lymphomas
- Digestive tumours
- Other tumours

» CHRONIC AND INFLAMMATORY DISEASES

This program focuses on the study of a number of chronic diseases of modern society, emphasising those of an inflammatory nature. The program includes both basic research and clinical studies. Its ultimate aim is to promote a better understanding of the basis of chronic/inflammatory diseases and to improve therapies. It includes the following lines of research:

- Cardiovascular diseases
- Diseases of the musculoskeletal system and connective tissue
- Neurological diseases and mental health
- Kidney and urological diseases
- Liver and digestive diseases
- Chronic inflammation and signalling

» RESEARCH GROUPS

GC- CONSOLIDATED GROUP • GE - EMERGING GROUP • GA - ASSOCIATED GROUP

*Note: The program to which each group is attached is highlighted in bold.

CODE	IMIBIC GROUPS AND PROGRAMS	PROGRAMS	PRINCIPAL INVESTIGATOR(S)
GC01	Immunology and Allergy	1, 3, 4, 5	Rafael Solana Lara
GC02	Liver and Digestive Diseases	3, 4, 5	Manuel de la Mata García Manuel L. Rodríguez Perálvarez
GC03	Infectious Diseases	3	Julián de la Torre Cisneros
GC04	Inflammation and Cancer	2, 4, 5	Marco Antonio Calzado Canalé Eduardo Muñoz Blanco
GC05	Systemic and Chronic Inflammatory Autoimmune Diseases of the Musculoskeletal System and Connective Tissue	5	Rosario López Pedrera Eduardo Collantes Estévez Alejandro Escudero Contreras Nuria Barbarroja Puerto
GC06	New Therapies in Cancer	4	Enrique Aranda Aguilar Antonio Rodríguez Ariza Juan Rafael de la Haba Rodríguez
GC07	Nephrology. Cell Damage in Chronic Inflammation	1, 3, 5	Alejandro Martín Malo
GC08	Hormones and Cancer	2, 4, 5	Justo P. Castaño Fuentes José López Miranda
GC09	Nutrigenomics. Metabolic Syndrome	1, 2, 5	Javier Delgado Lista Pablo Pérez Martínez
GC10	Hormonal Regulation of Energy Balance, Puberty and Reproduction	2	Manuel Tena Sempere
GC11	Adipocyte Differentiation and Metabolism: Metabolic Syndrome	2	María del Mar Malagón Poyato
GC13	Calcium Metabolism. Vascular Calcification	2, 5	Mariano Rodríguez Portillo Juan R. Muñoz Castañeda
GC14	Cellular Therapy	4, 5	Inmaculada Concepción Herrera Arroyo
GC15	Cardiovascular Diseases	5	Manuel Pan Álvarez-Ossorio Manuel P. Anguita Sánchez
GC16	Cellular Biology in Haematology. Hypercoagulability	3, 4	Joaquín Sánchez García
GC17	Physiopathology of the Vitamin D Endocrine System, Biotechnology and Aging	1	Mª Ángeles Gálvez Moreno
GC18	Translational Research in Solid Organ Transplantation Surgery	3, 4, 5	Francisco Javier Briceño Delgado
GC19	Artificial Vision Applications	1, 4, 5	Rafael Medina Carnicer
GC20	Genetics anf behavioural diseases	1, 4	Juan Antonio Moriana Elvira
GC21	Metabolomics and Identification of Bioactive Compounds	1, 2, 4, 5	Feliciano Priego Capote
GC22	Epigenetics	4	María Teresa Roldán Arjona
GC23	Metabolism in Childhood	2, 5	María Mercedes Gil Campos
GC24	Clinical and Molecular Microbiology	3	Luis Martínez Martínez
GC25	Knowledge Discovery and Intelligent Systems in Biomedicine	1, 2, 3, 4	Sebastián Ventura Soto
GC26	Clinical Virology and Zoonosis	3	Antonio Rivero Román Antonio Rivero Juárez
GC27	OncObesity and Metabolism	4	Raúl M. Luque Huertas
GC28	Neuroplasticity and Oxidative Stress	1, 2, 5	Isaac Túnez Fiñana

CODE	IMIBIC GROUPS AND PROGRAMS	PROGRAMS	PRINCIPAL INVESTIGATOR(S)
GC29	Inflammatory Immune-Mediated Cutaneous Diseases	4, 5	Juan Alberto Ruano Ruiz
GC30	Molecular Hepatology	4	Manuel David Gahete Ortiz
GC31	Comprehensive Nursing Care. Multidisciplinary Perspective	1, 2, 4, 5	Pablo Jesús López Soto
GC32	Applied Psychology	1, 2	Bárbara Luque Salas
GE05	Genitourinary Diseases	2, 4	Julia Carrasco Valiente Enrique Gómez Gómez
GE06	Pathophysiology of Renal and Vascular Damage	5	Juan A. Moreno Gutiérrez
GE07	Visual Quality	3	Yolanda Jiménez Gómez
GE09	Research in Peritoneal and Retroperitoneal Oncological Surgery	4	Álvaro Arjona Sánchez Antonio Romero Ruiz
GE10	Clinical and Epidemiological Research in Primary Care (GICEAP)	1, 3, 4, 5	Esperanza Mª Romero Rodríguez
GE11	Redox proteins in pathophysiological processes	5	Raquel Requejo Aguilar
GA01	Lung Transplants. Thoracic Neoplasms	3, 4	Ángel Salvatierra Velázquez
GA03	Pneumology	2, 4, 5	Bernabé Jurado Gámez
GA05	Study of Growth. Endocrinology and Child Nutrition	2	Ana Belén Ariza Jiménez
GA08	Radiology	4, 5	Marina Álvarez Benito
GA09	Cardiovascular Pathology	3, 5	Ignacio Muñoz Carvajal
GA10	Nuclear Medicine	2, 4	Juan Antonio Vallejo Casas
GA11	Learning and Artificial Neural Networks	3	César Hervás Martínez
GA12	Severe Mental Illness-Health Alerts	1, 5	Fernando Sarramea Crespo
GA13	Preventive Medicine and Public Health	3	Inmaculada Salcedo Leal
GA14	Immunogenomics and Molecular Pathogenesis	3	Juan José Garrido Pavón
GA15	Foods for Health	2	Rafael Moreno Rojas
GA16	Lifestyles, Innovation and Health	1	Guillermo Molina Recio

GOALS & HIGHLIGHTS IN 2025

03



3.1 GOALS FOR 2025

The institutional objectives marked for the year 2025 and approved by the Institute’s Governing Council are outlined below.

GENERAL GOALS	RESULTS IN 2025
Propose to the Governing Board the lines and pillars on which the IMIBIC Strategic Plan 2026-2030 will be based	100% COMPLETED
Re-Accreditation 2026: once the new accreditation guide is published, work on the collection of information and documentation necessary to respond to the guide’s indicators for the period 2021-2025	100% COMPLETED
Implement measures to disseminate and raise awareness of the DORA/CoARA criteria among research groups, in order to highlight the value of the impacts they generate	100% COMPLETED
Consolidate measures to encourage generational change in health care research groups and to promote the culture of clinical research	100% COMPLETED

3.2 HIGHLIGHTS



END OF THE 2021–2025 STRATEGIC PLAN

Start of the development of the 2026–2030 Strategic Plan



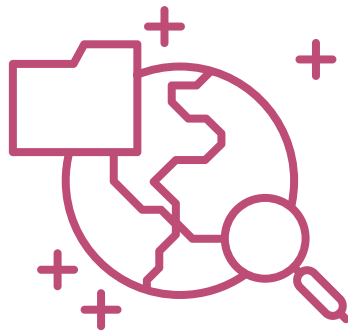
FUNDING

A rise of more than 60% in fundraising compared with the 2016–2020 period (55.4M€ in 2016-2020 vs 89.1 M€ in 2021-2025)



CLINICAL RESEARCH:

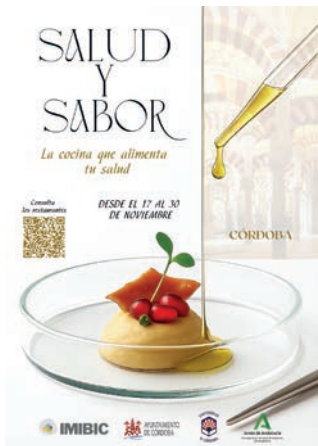
- Increase in clinical trial invoicing 12.6 M€ (2016-2020) vs 24.2 M€ (2021-2025)
- Accreditation of the early-phase unit



INTERNATIONAL

- First ERC Advanced Grant and 1st Horizon Europe Coordinated Project, Dr. Manuel Tena.
- 1st COST Coordinated Action, Dr. Antonio Rivero Juárez.
- 1st Coordinated European Partnership, Dr. Pablo Pérez
- One coordinated Project awarded, ‘Kiddin’, led by IMIBIC Innovation Unit. The aim of the project is to scale up non-invasive digital solutions for children aged 0–18.

RESPONSIBLE RESEARCH AND INNOVATION (RRI)



“Salud y Sabor” Campaign

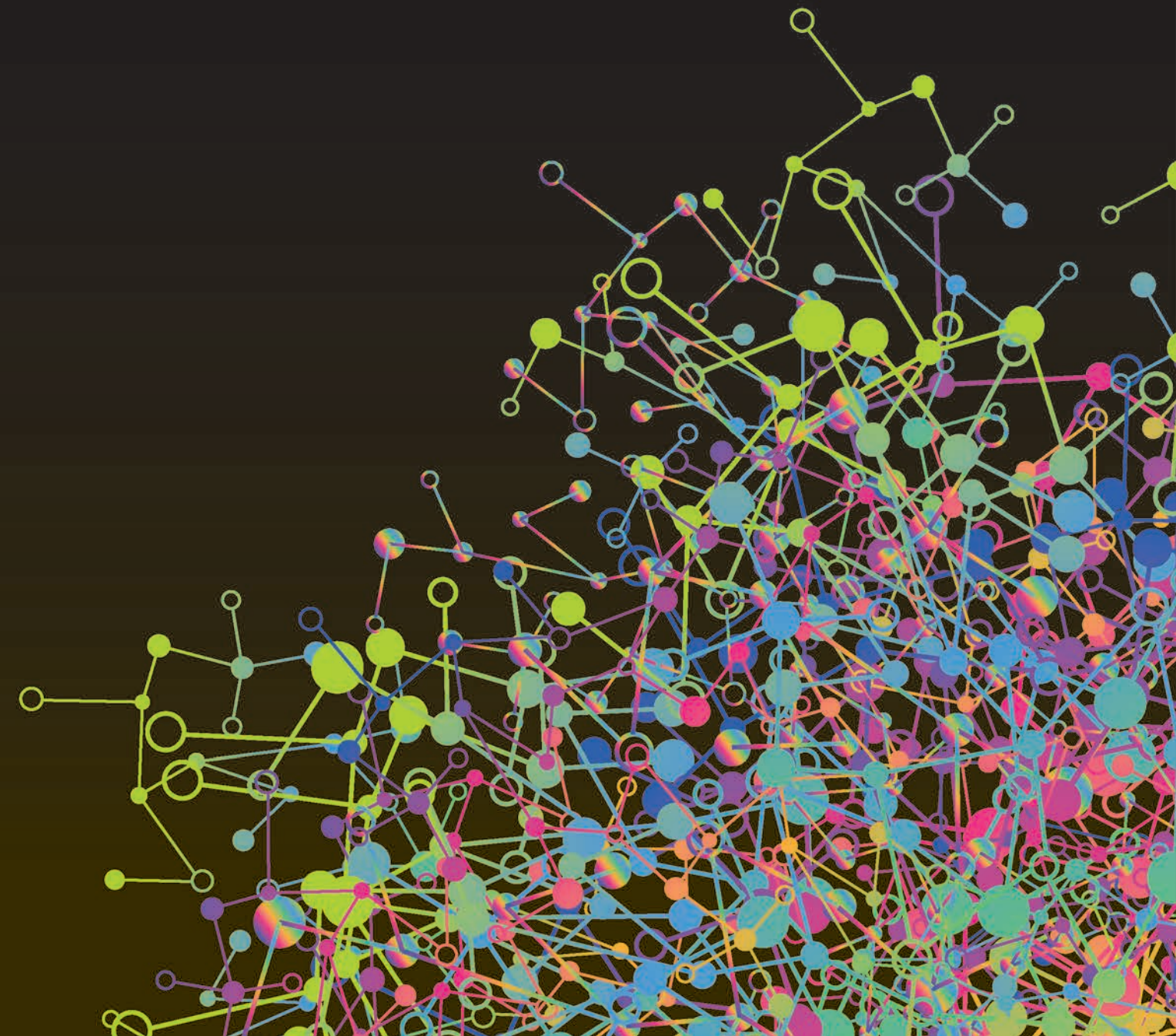


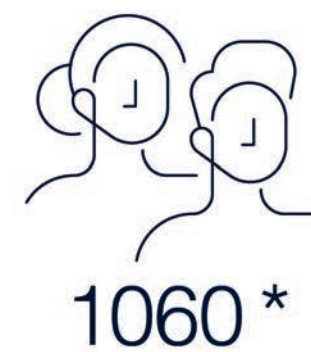
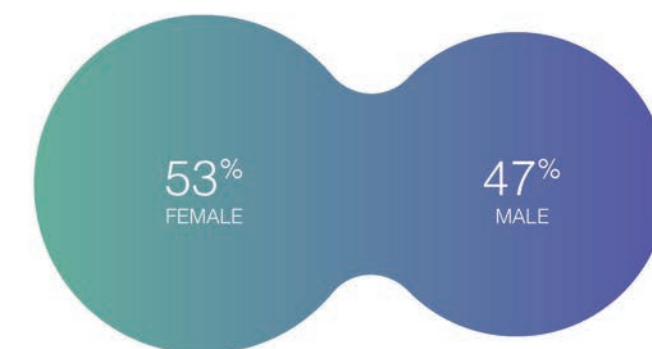
Clinical Research Academy



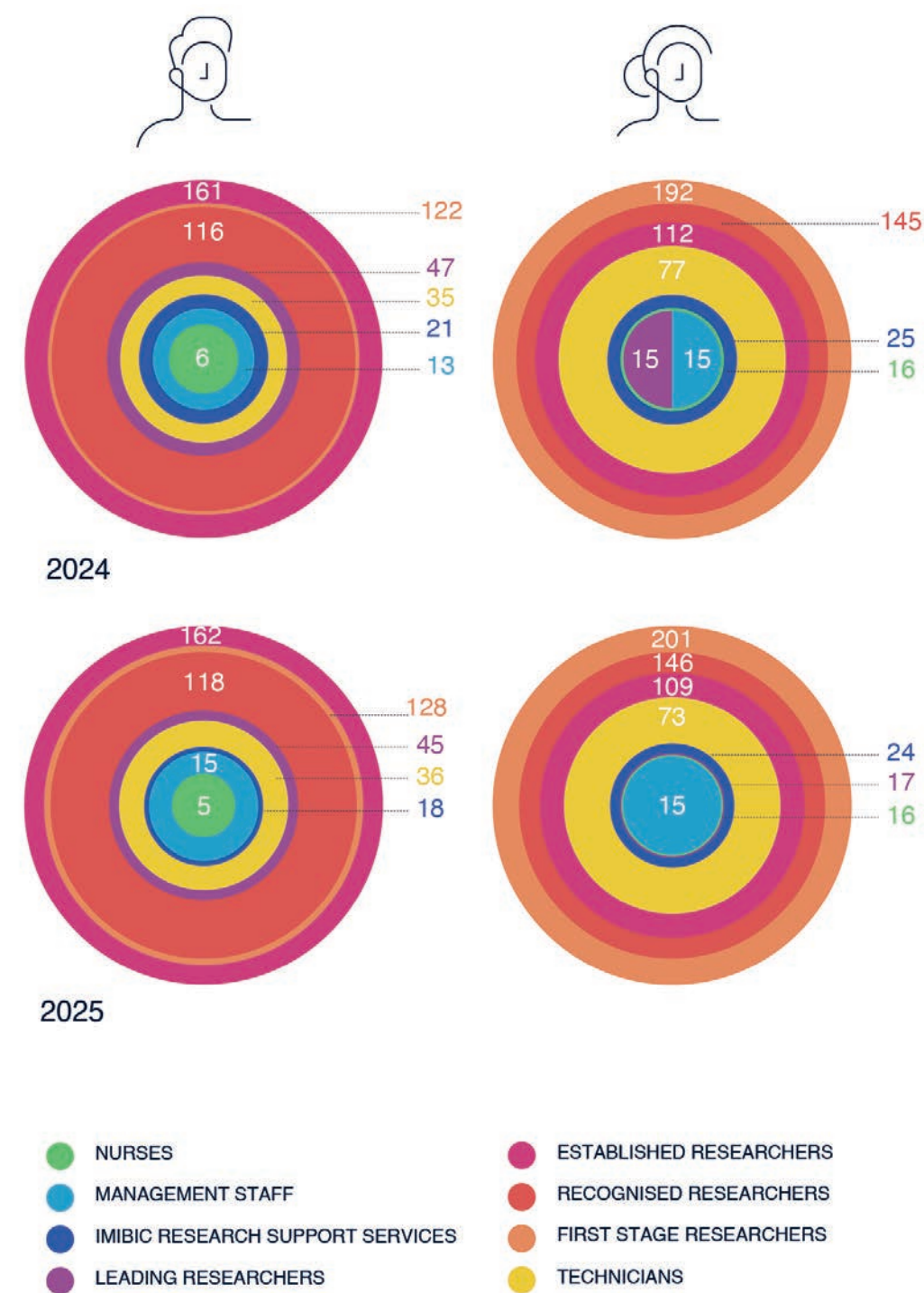
STAFF

04





(*) The figures include all IMIBIC staff (researchers, support staff and administrative staff)



» RESEARCH STAFF 2025

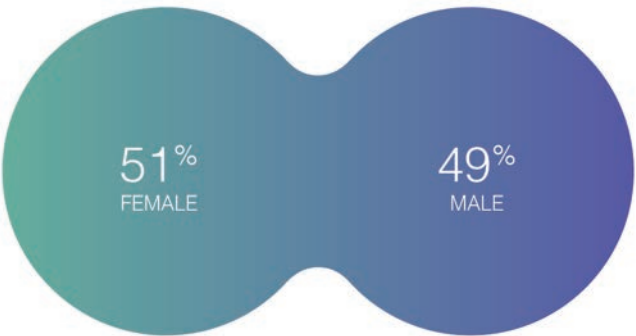


Note: R1-R4 correspond to the profile descriptors for research careers provided by EURAXESS (HRS4R).

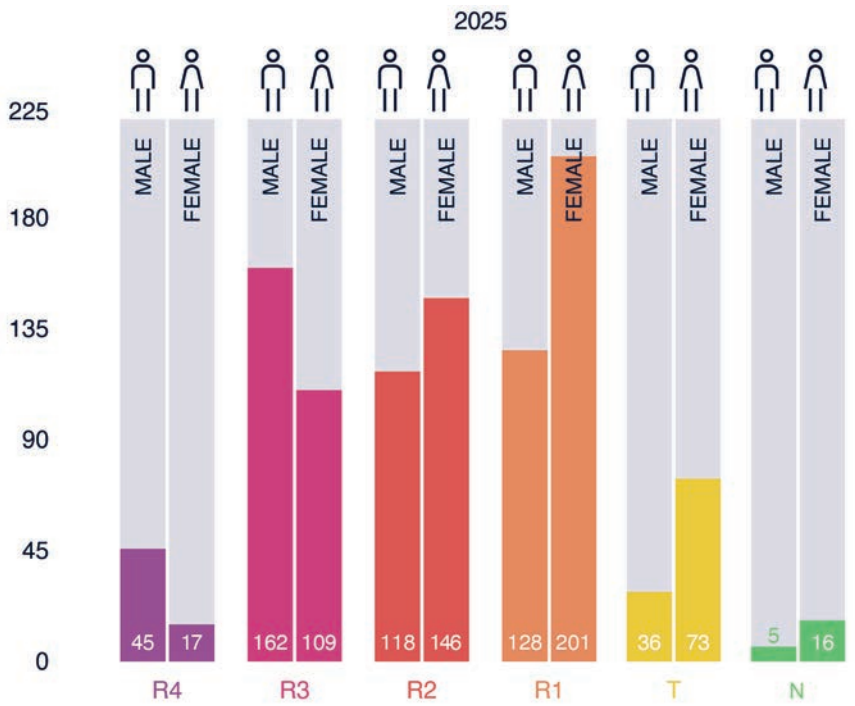
» GENDER PERSPECTIVE

IMIBIC, through its Equality Plan, is committed to implementing actions aimed at promoting gender parity in all personnel groups. As we can see in the graphs above, there is an increasing presence of women in the different categories of research careers, which will translate into a growth of women leaders in the coming years.

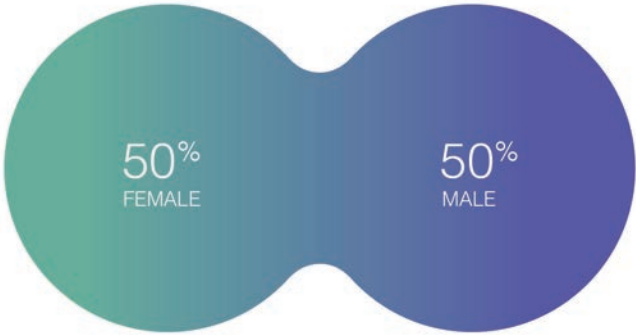
» RESEARCH STAFF 2025



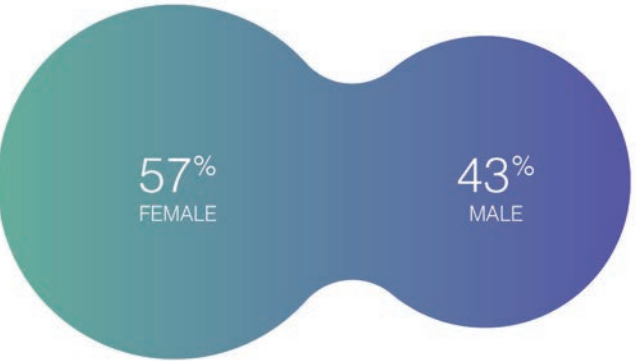
» ALL PERSONNEL IN 2025



» MANAGEMENT STAFF 2025



» IMIBIC RESEARCH SUPPORT SERVICES 2025



MANAGEMENT STAFF

05





5.1 R&D MANAGEMENT UNIT

The mission of the IMIBIC R&D Management Area is to offer a comprehensive service to research staff, both in the research groups and Clinical Management and Primary Care Units, through a single point of contact: the Project Manager. Its main objective is to provide professionals with the necessary support for the proper management and development of their scientific projects, agreements, service contracts and grants, and provide funding bodies with the corresponding justification and closure.

» TEAM MEMBERS:

- **Miriam Cruzado Caballero**
Head of Unit
- **Manuel Aguilar Panadero**
Project Manager
- **Carlos Lázaro Guevara**
Project Manager
- **Mónica Carrasco Jiménez**
Project Manager
- **José Carlos Prieto Baena**
International Project Manager
- **Marcos Núñez Navarro**
International Project Manager

5.2 INNOVATION & TRANSFER UNIT

The Innovation and Transfer Unit identifies intangible assets resulting from the research carried out within its competencies and provides comprehensive advice on the correct protection and transfer of research results. Ideas produced by researchers are also protected as intellectual or industrial property according to the UNE 166002: 2021 standard for innovation management.

The Innovation Unit provides advisory services to researchers on the transfer of their technologies, such as the drafting of licensing agreements, advice on the creation of start-ups or the establishment of public-private partnerships.

» TEAM MEMBERS:

- **Luis M. Fernández Formoso**
Head of Unit
- **Antonio Ortega Llamas**
Innovation and Transfer Technician

5.3 FINANCIAL AND HUMAN RESOURCES UNIT

» MANAGEMENT

The Financial Management and Human Resources Unit, which includes Accounting, Invoicing, Financial and HR services, provides the Research, Development and Innovation (R+D+i) Unit with general and administrative support, ensuring the optimal use of available resources.

The activity of the Unit is closely aligned with the Institute's mission and is therefore strongly committed to the management of Research and Innovation in the province of Cordoba.

» SERVICES OFFERED BY THIS UNIT INCLUDE:

- Financial support for R+D+i projects
- Maximization of economic resources
- Management of agreements, contracts and private donations
- Human resources management
- Invoicing/billing and maintenance services associated with clinical trials and observational studies
- Budgetary control of activities
- Design and set up of information flows and activities.

» TEAM MEMBERS:

- **Francisco Javier López Ruiz**
Head of Unit
- **Florencio Muñoz Encinas**
Accountant and Human Resources Specialist
- **Silvia Miranda Castellano**
Human Resources Specialist
- **Silvia De la Cruz Gallego**
Human Resources Assistant
- **Raquel Berdud Arias**
Grants & Projects Administrator
- **Marcos Notario Ríos**
Grants & Projects Administrator
- **Juan Benítez Flores**
R&D management department
- **Maria del Carmen García Serrano**
Clinical Research Assistant
- **Francisca Lobo Ávalos**
Invoicing Assistant
- **Helena Hidalgo Sáez**
Invoicing Assistant
- **Enrique Muñoz Baena**
IT Systems Coordinator
- **Manuel Jesús Carmona Hidalgo**
IT Systems Assistant
- **Miguel Ángel Borreguero Aparicio**
IT Systems Assistant

5.4 STAFF UNIT

The Staff Unit comprises the Control & Reporting, Communication, Quality & Training and Legal services and provides support and assistance to research groups, as well as to the Executive Board of the Institute.

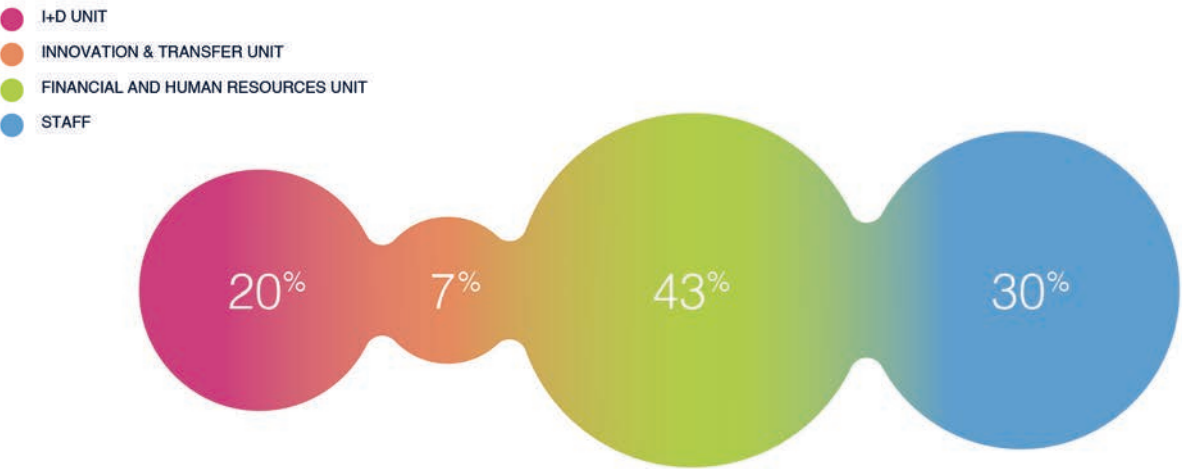
» THE MAIN SERVICES OFFERED BY THIS UNIT INCLUDE:

- Increasing the visibility of the Institute in the province and elsewhere
- Management of fundraising through sponsorship and patronage
- Promotion and dissemination of research results
- Supporting researchers in the preparation and coordination of events
- Management of the Institute's website and social media accounts
- Production of promotional material
- Collecting and validating information relevant to the Institute for further analysis

» TEAM MEMBERS:

- **Estefanía Azcona Corrales**
Management Controller
- **Marta Granados Aguirre**
Administrative Assistant
- **Isabel De Castro Burón**
Communications Officer
- **Inmaculada Varo Urbano**
Communication Technician
- **José Mª Rubio García-Sotoca**
Communications (volunteer staff)
- **Dolores Trujillo Jurado (from September 2024)**
Communications (volunteer staff)
- **Marisa Escabias Parejo**
Quality Specialist
- **David Luna Gómez**
Quality and Training Technician
- **Marta Manganaro**
Legal and Contract Specialist
- **Daylin Valdés Hernández**
Legal and Contract Assistant
- **Miriam del Rey Revilla**
Legal and Contract Assistant

» MANAGEMENT STAFF 2025



FUNDING

06





FIBICO is the financial and legal entity responsible for the management of IMIBIC. The following tables present the approved financial statements of FIBICO for 2025 compared to 2024.

» PROFIT & LOSS ACCOUNT (THOUSANDS OF EUROS)

	2025	2024
REVENUES	15,326.15	15,656.67
COST OF GOODS	-1,819.87	-1,608.24
PERSONNEL	-8,939.74	-9,769.06
OTHER EXPENSES	-3,746.54	-3,381.70
DEPRECIATION	-813.62	-879.09
NET INCOME	6.38	18.58

» BALANCE SHEET (THOUSANDS OF EUROS)

ASSETS	2025	2024
Non-current assets	14,411.35	8,373.97
Current assets	33,384.11	37,683.92
Accounts receivable	15,641.21	23,820.59
Cash & cash equivalents	17,742.90	13,863.33
Total Assets	47,795.46	46,057.88
LIABILITIES		
Non-current liabilities	6,828.06	7,673.03
Current liabilities	35,425.61	32,600.69
Equity	5,541.79	5,784.16
Total equity+liabilities	47,795.46	46,057.88

» OVERHEADS

The breakdown of project overhead revenues is as follows (thousands of euros):

OH from research projects	575
Private projects	248
Total	823
Compensation to IMIBIC from Clinical Research	993

The accreditation guide for research institutes states that “at least 20% of the indirect costs received annually should be allocated to actions aimed at supporting IIS researchers, such as capacity building, training, co-financing of contracts, IIS own projects for emerging groups, etc.”

Taking into account only co-financing of personnel expenses for competitive calls (Miguel Servet, Sara Borrell, private entities, etc), IMIBIC committed 447k€ euros to this item.

Each year, IMIBIC launches certain prizes and sponsorships for its groups and researchers, in accordance with the policy framework of its Research Promotion Plan (RPP), aimed at stimulating collaboration with external groups, increasing publications in open access journals, among others. In addition to these initiatives, and as part of the Institute’s science outreach and public engagement strategy. Altogether, combining the activities of the RPP and the race event, the total expenditure allocated to these actions amounted to 43k€.

As part of its own program for the promotion of clinical research, the Institute also finances the contracting of staff required in the Institute’s clinical research areas. The amount for staff associated with clinical research (nurses, coordinators, administrative staff, etc.) amounted to 485 k€.

FUNDING

In terms of Funding, the positive trend that began in 2018 continued, with a sustained increase in fundraising. However, it is important to consider the exceptional nature of 2022, when Investigo program grant exceeded five million euros.

As highlights, Clinical Trial invoicing exceeded 5.49 million euros, and funds obtained from ISCIII raised approximately 4.6 million euros.

The breakdown of funds is as follows (thousands of euros):

	2020	2021	2022	2023	2024	2025
IMIBIC Partners	900	900	900	900	900	900
Public Funding	7,752	6,679	11,505	6,737	10,086	7,648
Private Funding	5,397	6,317	8,173	8,458	9,687	9,252
	14,049	13,896	20,579	16,095	20,673	17,800

	2020	2021	2022	2023	2024	2025
Total funds raised	15,396	13,956	20,579	16,095	20,673	17,800

	2020	2021	2022	2023	2024	2025
National	4,510	5,264	7,671	5,509	7,266	4,767
Regional	3,241	1,416	3,534	773	2,700	2,111
International	0	57	300	300	120	770
IMIBIC Partners	900	900	900	900	900	900
Clinical Trials	3,384	4,097	4,652	4,785	5,274	5,492
Other Private Funding	2,014	2,222	3,522	3,673	4,413	3,760
TOTAL	14,049	13,956	20,579	16,095	20,673	17,800

As in previous years, the balance of private and public funding has been higher for public funding, although the percentage of private funds has increased in recent years:

» CLINICAL TRIALS

Clinical Research is one of IMIBIC’S main strategic pillars. The table below shows the total amount and trend for clinical trials invoicing signed by the Institute since 2020.

(thousands of euros)

	2020	2021	2022	2023	2024	2025
Clinical trials invoiced	3,384	4,097	4,651	4,785	5,274	5,492

The table below shows the most active medical services in terms of invoicing. At the same time, the management of IMIBIC and the HURS have also implemented a plan to add new medical services to this activity in order to provide the latest available treatments to the patients of Cordoba, as well as take further steps forward along the path of economic sustainability of the Institute.

CLINICAL MANAGEMENT UNITS	2020	2021	2022	2023	2024	2025
Oncology	1,557,507.14	1,874,701.37	2,201,761.51	2,105,051.83	2,543,146.39	2,502,577.89
Neurology	411,326.78	588,775.71	528,188.75	426,701.67	451,114.38	254,602.99
Internal Medicine	244,295.11	240,678.43	375,818.72	549,881.13	547,192.95	741,590.32
Rheumatology	135,818.73	260,350.45	171,101.56	288,302.51	227,376.20	282,398.34
Dermatology	398,973.67	180,433.07	271,832.26	275,547.14	174,118.91	320,704.61
Infectious Diseases	102,186.87	263,515.29	327,857.39	257,470.83	217,746.48	187,122.75
Nephrology	89,945.75	122,289.42	139,054.64	95,320.66	141,530.01	163,354.62
Digestive Health	122,986.16	114,066.95	133,282.24	105,306.34	109,054.93	193,723.17
Haematology	140,900.92	70,305.32	207,255.58	196,831.78	303,278.74	185,939.67
Top 9	3,203,941.13	3,715,116.01	4,356,152.65	4,300,413.89	4,714,558.99	4,832,014.36
% TOP9	94,7%	92,0%	93,6%	90,3%	89,4%	88,0%

FACTS & FIGURES

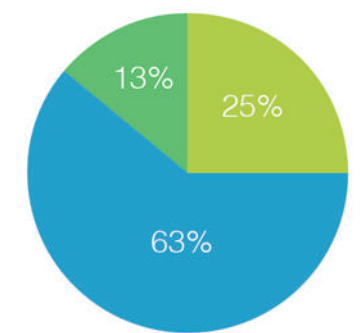
07



7.1 STAFF

RESEARCHERS IN IMIBIC GROUPS

IMIBIC comprises 49 research groups, made up of 31 consolidated, 6 emerging and 12 associated groups, respectively, in 2025.



- ASSOCIATED GROUPS
- EMERGING GROUPS
- CONSOLIDATED GROUPS



The Human Resources Strategy for Researchers (HRS4R) is an initiative of the European Commission aimed at promoting the implementation of human resources policies that foster an open, transparent, merit-based research environment that is attractive to research staff. This strategy is based on the principles of the European Charter for Researchers.

IMIBIC adopted the HRS4R strategy in 2015 and, following an analysis of its compliance with the principles of the European Charter for Researchers, drew up its first Human Resources Action Plan (2016–2020). In recognition of this commitment, the European Commission awarded the Institute the HR Excellence in Research label in September 2017.

Since then, IMIBIC has been engaged in a continuous process of implementing, monitoring and improving the HRS4R strategy. The self-assessment carried out in 2019 led to the 2020–2022 Action Plan and the introduction of an open, transparent and merit-based recruitment policy (OTM-R). A review of this plan confirmed that 96.55% of the established objectives had been met, serving as the basis for the drafting of the 2023–2025 Action Plan.

During the period 2023–2025, the Institute has continued to monitor the implementation of the Plan through regular follow-up of its actions, objectives and indicators, whilst also adapting the strategy to the principles of the New Charter for Researchers, published by the European Commission at the end of 2023.

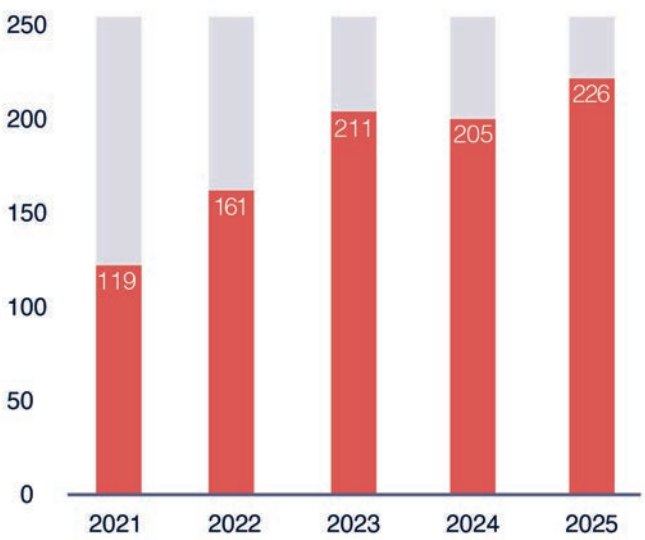
At the end of 2025, IMIBIC has fully implemented the HRS4R strategy and is awaiting the European Commission's external evaluation visit for the renewal of the HR Excellence in Research accreditation, which will assess the progress of the 2023–2025 Action Plan. Furthermore, the drafting of the new HRS4R Action Plan 2026–2028 is scheduled for 2026, aligned with the New Charter for Researchers and with IMIBIC's Strategic Plan 2026–2030.

RESEARCHERS R1-R4



COMPETITIVE HUMAN RESOURCES GRANTS

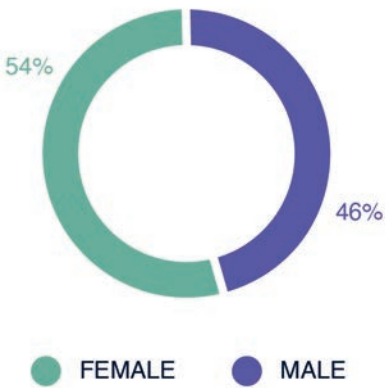
During 2025, IMIBIC held the following ongoing human resources grants:



Note: The data for 2023 and 2024 include the 73 people who joined IMIBIC through the Investigo Programme (both national and regional calls).

FUNDING AGENCY	CALL	ONGOING IN 2025	GRANTED IN 2025
CE	P2MED	1	
CE	MARIE CURIE	5	
CE	ERC ADVANCED	1	
ISCIII	BIOINFORMÁTICO	1	
ISCIII	GIS	1	
ISCIII	INTENSIFICACIONES	5	1
ISCIII	IPFIS	1	1
ISCIII	JUAN RODÉS	5	2
ISCIII	MIGUEL SERVET	5	3
ISCIII	PFIS	17	2
ISCIII	RÍO HORTEGA	8	5
ISCIII	SARA BORRELL	9	3
ISCIII	MOVILIDAD	5	4
MEC	FPU	7	
MICINN	PREDOCTORAL I+D+i	13	
MICINN	PERSONAL TÉCNICO DE APOYO	1	1
MICINN	JUAN DE LA CIERVA	1	1
MICINN	FPI	8	
MICINN	RAMÓN Y CAJAL	7	
MINISTERIO DE TRABAJO	PROGRAMA INVESTIGO	35	
CSPYE	POSTDOC	3	
CSPYE	MARÍA CASTELLANO	2	
CUII	POSTDOCTORALES	2	
SAE	PROGRAMA INVESTIGO	32	
SAS	TÉCNICOS DE ECAI	5	
SAS	INTENSIFICACIONES (ACCIÓN A)	12	
SAS	CLÍNICO INVESTIGADOR (ACCIÓN B)	4	
SAS	NICOLÁS MONARDES (ACCIÓN C)	10	3
SAS	INVESTIGA C	2	2
DIPUTACIÓN CÓRDOBA	PROGRAMA TALENT	14	14
PRIVATE FUNDS		4	3
TOTAL		226	45

If we were to classify these human resources programs based on the beneficiary's gender, the results would be as follows:



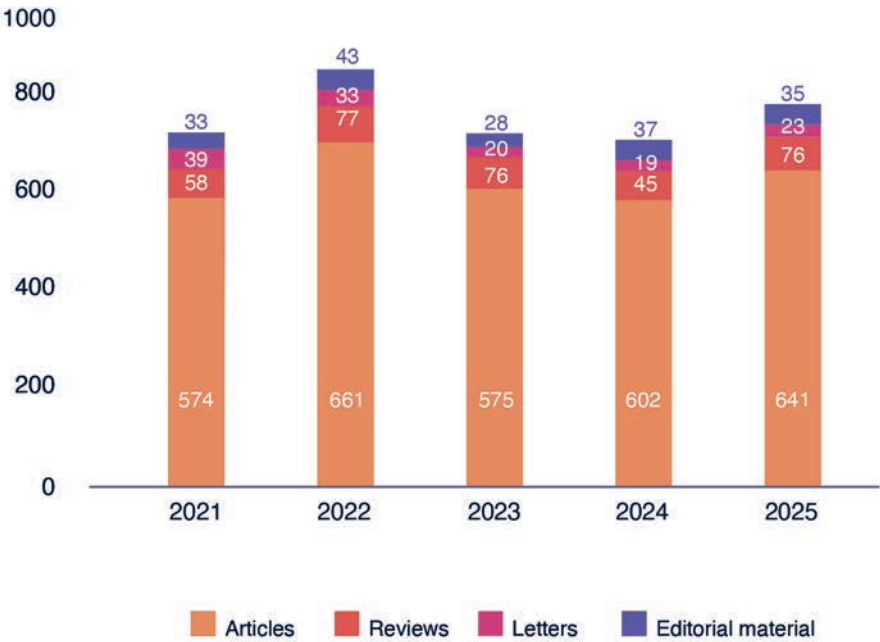
7.2 PUBLICATIONS

In 2025, our researchers contributed 782 scientific documents, 775 of which were published in journals indexed in the Web of Science citation database and ranked in quartiles according to journal impact factor.



As we can see from the image above, in 2025, open access publications represent 45% of the publications indexed in JCR.

PUBLICATIONS (2021–2025)



PUBLICATIONS IN 2025 (BY TYPE)

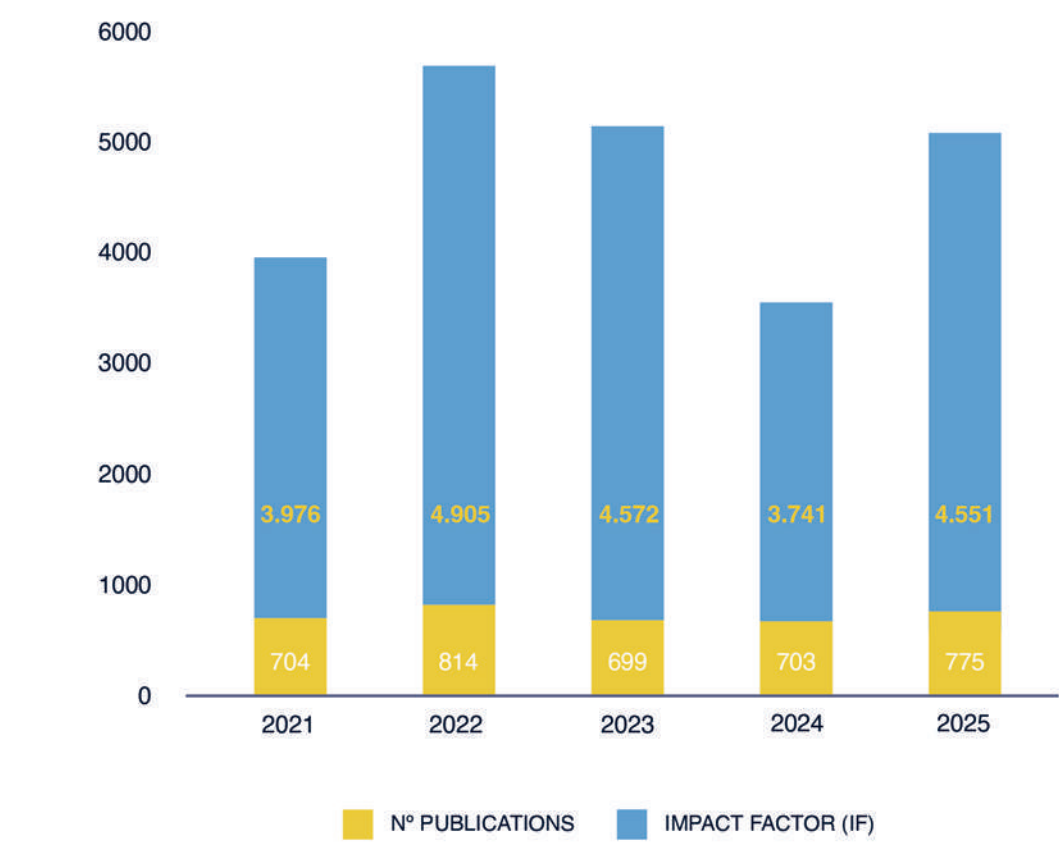
	TOTAL	D1	Q1 (*)	Q2	Q3-Q4
ORIGINAL ARTICLES	641	137	391	155	95
REVIEWS	76	17	53	14	9
TOTAL ORIGINAL ARTICLES & REVIEWS	717	154	444	169	104
LETTERS	23	8	14	5	4
EDITORIAL MATERIAL	35	13	21	10	4
TOTAL PUBLICATIONS	775	175	479	184	112

Publications are ranked in quartiles according to journal impact factor
(*) Including D1

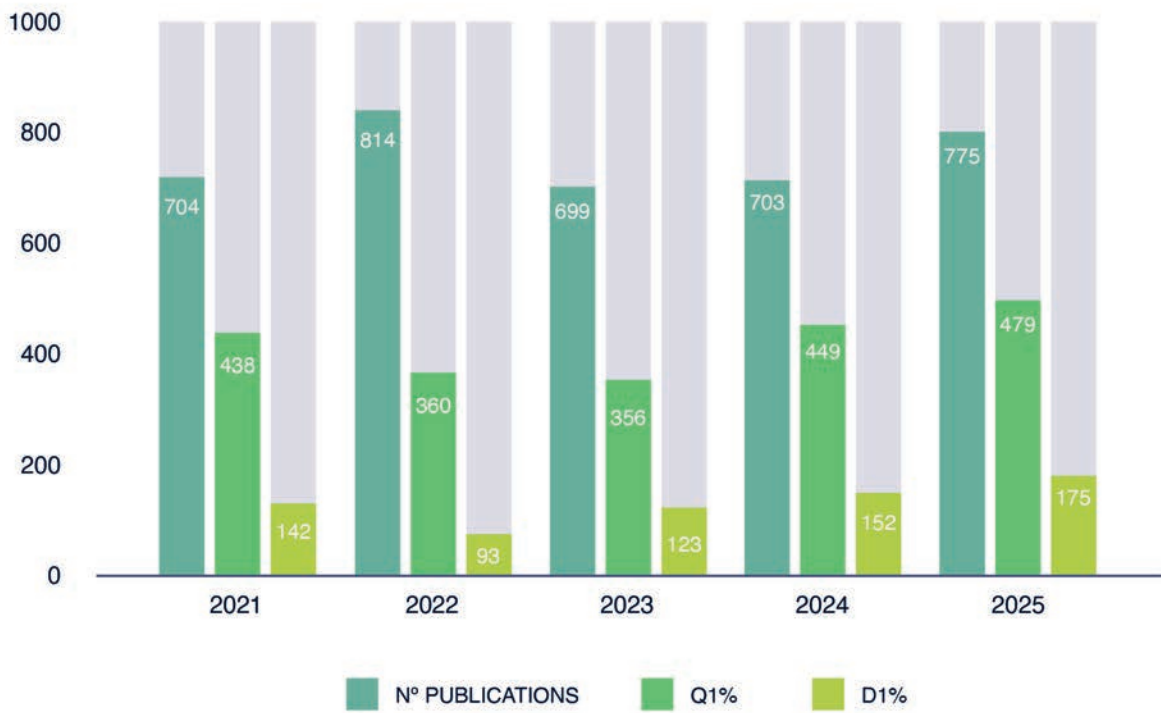
DISTRIBUTION OF PUBLICATIONS IN NATIONAL AND INTERNATIONAL JOURNALS

	N° OF PUBLICATIONS
INTERNATIONAL JOURNALS	348
ORIGINAL ARTICLES	295
REVIEWS	33
EDITORIAL MATERIAL	7
LETTERS	13
NATIONAL JOURNALS	427
ORIGINAL ARTICLES	346
REVIEWS	43
EDITORIAL MATERIAL	28
LETTERS	10
TOTAL PUBLICATIONS	775

EVOLUTION OF PUBLICATIONS AND TOTAL IMPACT FACTOR

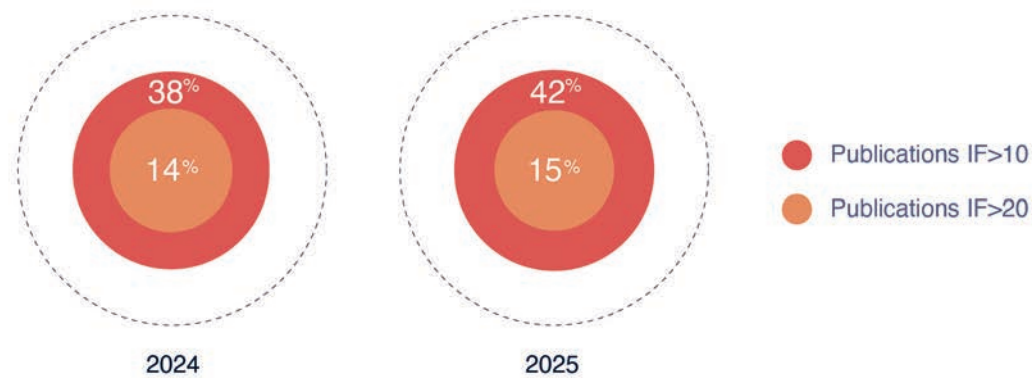


EVOLUTION OF PUBLICATIONS IN QUARTILE 1 & DECILE 1 JOURNALS

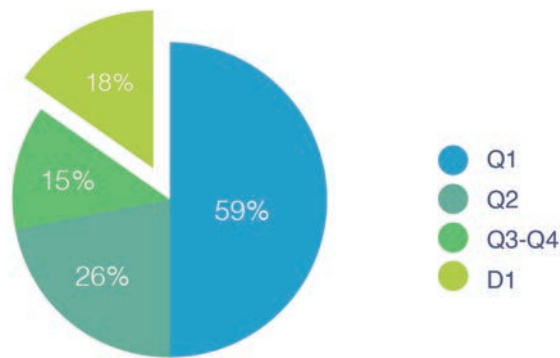


As can be seen in the graph below, in 2025, publications in journals in the first decile (D1) with an impact factor (IF) of more than 20 points have increased by 1% compared to 2024. Similarly, the number of publications in D1 with an IF of more than 10 points have also increased from 38% in 2024 to 42% in 2025.

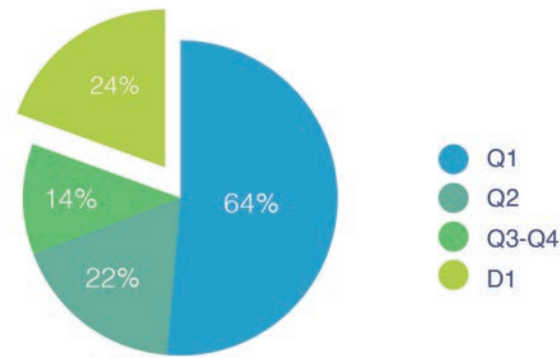
We can see how the quality of the publications by researchers affiliated with IMIBIC continues to improve compared with previous years.



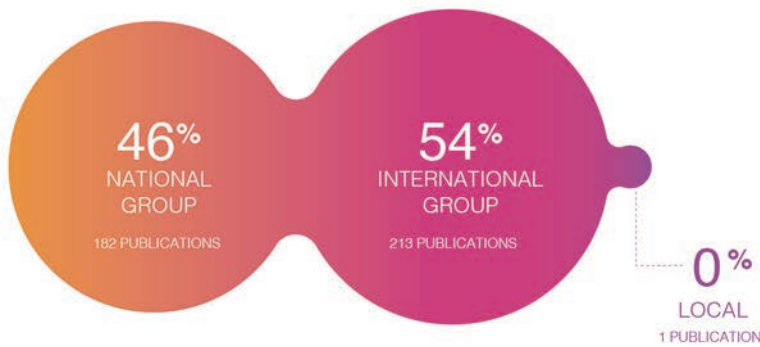
PUBLICATIONS LED BY IMIBIC RESEARCHERS (ORIGINAL ARTICLES + REVIEWS)



PUBLICATIONS IN COLLABORATION WITH NATIONAL AND INTERNATIONAL GROUPS (ORIGINAL ARTICLES + REVIEWS)



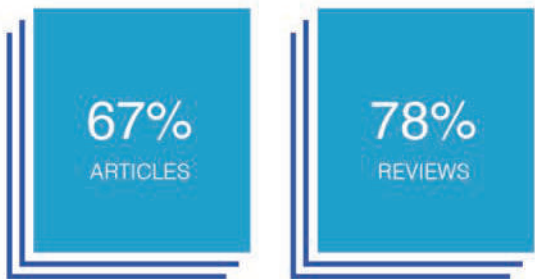
DISTRIBUTION OF PUBLICATIONS IN COLLABORATION WITH NATIONAL AND INTERNATIONAL GROUPS



PUBLICATIONS: INTRAMURAL COLLABORATIONS



AFFILIATION OF ARTICLES AND REVIEWS



BIBLIOGRAPHIC INDICATORS

	2021	2022	2023	2024	2025
FIRST, LAST OR CORRESPONDING AUTHOR	45%	49%	47%	45%	46%
CATEGORY NORMALIZED CITATION IMPACT (CROWN INDICATOR) (**)	1.66	1.91	1.88	1.93	2.38
HIGHLY CITED PAPERS (HCP INDICATOR) (***)	22%	23%	23%	21%	23%
PUBLICATIONS LED BY IMIBIC ACCORDING TO HCP INDICATOR	94	93	112	103	111

(**) CATEGORY NORMALISED CITATION IMPACT (CROWN INDICATOR): Number of citations of publications during the period under analysis in relation to the world average of citations taken from the FIELD BASELINES-CITATION RATES in Essential Science Indicators (Clarivate Analytics).

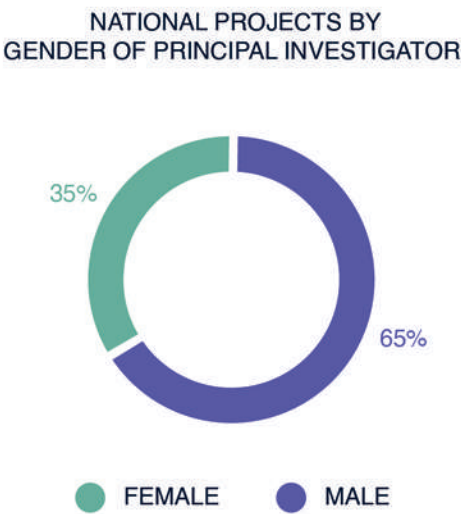
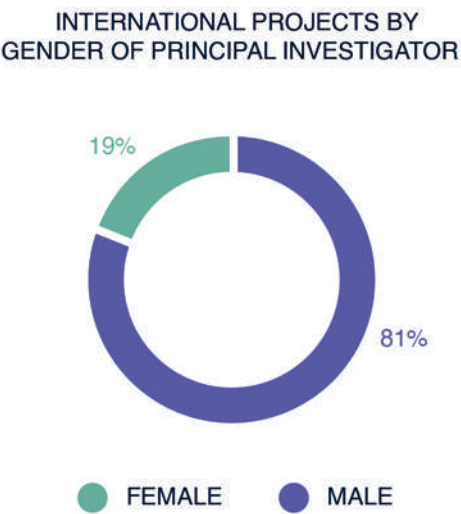
(***) HIGHLY CITED PAPERS (HCP INDICATOR): Percentage of publications in the top 10% of the most cited publications worldwide in their subject category and year of publication out of the total number of publications in the same category.

7.3 NUMBER OF CLINICAL GUIDELINES, CONSENSUS DOCUMENTS AND PROTOCOLS

IMIBIC researchers have contributed to several international Clinical Guidelines with an outstanding impact on patient care and medical practice.

	TOTAL	%Q1
CLINICAL GUIDELINES AND CONSENSUS DOCUMENTS	15	40%

Total number of Clinical Guidelines and Consensus Documents published in 2025 in journals indexed in the ISI-Web of Science. Journals were ranked by quartiles according to impact factor.



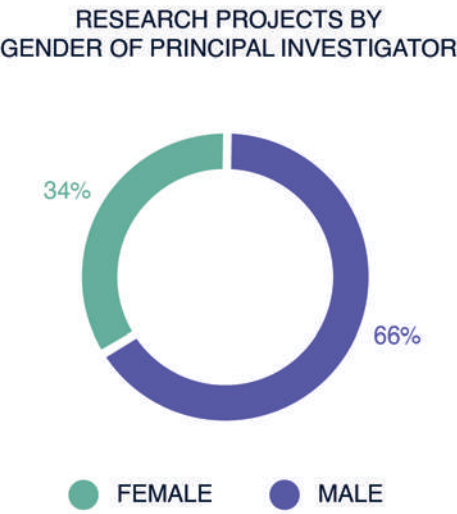
7.4 RESEARCH PROJECTS AND NETWORKS

Our researchers contributed to the development of a large number of competitive projects: 204 were ongoing in 2025.

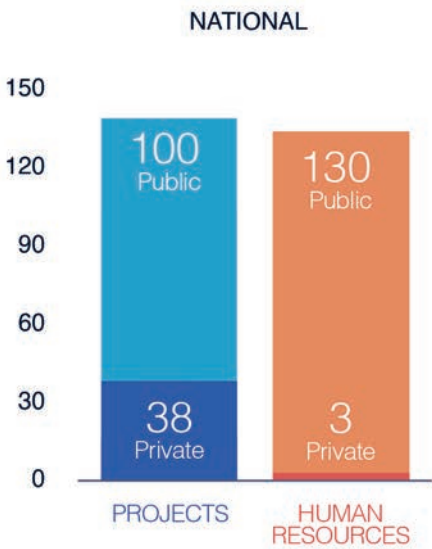
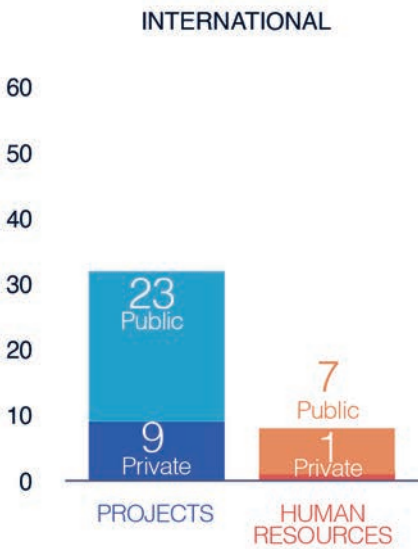


Figures represent the number of ongoing projects financed by national and international funding agencies, both public and private, in 2025.

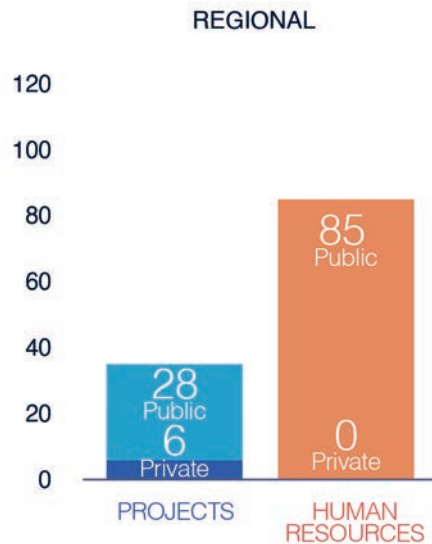
RESEARCH PROJECTS BY GENDER OF PRINCIPAL INVESTIGATOR



RESEARCH PROJECTS ACCORDING TO SOURCE OF FUNDING:



In addition to national and international grants, our researchers also obtained research grants through competitive calls funded by regional agencies:



In the human resources data, we must highlight the effect of the Investigo Program (non competitive program), which in 2023 led to the incorporation of a total of 76 researchers, 39 of which were granted through the national call and 37 through the regional call. 67 of these 76 contracts will still be in force in 2025.

ONGOING PROJECTS IN 2025

NATIONAL		NO. OF ONGOING PROJECTS
Public		
Institute of Health Carlos III (ISCIII)		57
Ministry of Science and Innovation (State Investigation Agency)		43
Private		
Private Funding		38
REGIONAL		
Public		
Regional Ministry of Health, Presidency and Emergencies		18
Regional Ministry of Universities, Research and Innovation		2
Andalusian public foundation Progreso y Salud		7
Córdoba Municipal Institute for Economic Development and Employment		1
Private		
Private Funding		6
INTERNATIONAL		
Public		
European Commission		23
Private		
Private Funding		9
No. of ONGOING PROJECTS		204

PROJECTS FUNDED BY GRANTS IN 2025

NATIONAL		No. OF GRANTED PROJECTS
Public		
Institute of Health Carlos III (ISCIII)		17
Ministry of Health		1
Ministry of Science and Innovation (State Investigation Agency)		4
Private		
Private Funding		11
REGIONAL		
Public		
Regional Ministry of Health, Presidency and Emergencies		4
Córdoba Municipal Institute for Economic Development and Employment		1
Córdoba Provincial Council		1
Private		
Private Funding		4
INTERNATIONAL		
Public		
European Commission		5
Private		
Private Funding		2
No. of PROJECTS GRANTED		50

7.5 CLINICAL TRIALS

The graphs below summarise the number of active clinical trials in 2025.

In 2025, 178 new clinical trials were started and 649 were ongoing. These include 481 clinical studies with drugs, 123 observational studies and 45 trials of new medical devices.

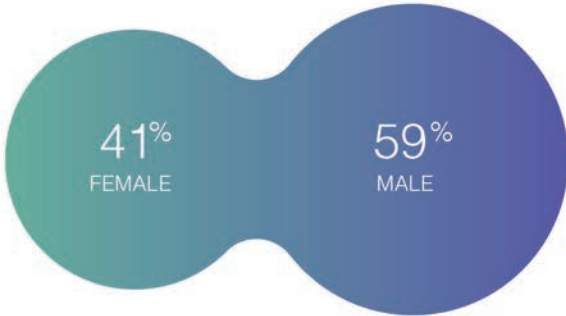
ONGOING CLINICAL TRIALS IN 2025



OS: Observational Studies / ME: Medical Equipment

Most of the clinical trials were sponsored by Spanish industry and were in the areas of oncology, rheumatology, dermatology, internal medicine, digestive system, neurology and nephrology.

CLINICAL TRIALS BY GENDER OF PRINCIPAL INVESTIGATOR



CLINICAL TRIALS IN 2025, CLASSIFIED BY SPONSOR TYPE

	CLINICAL TRIALS WITH DRUGS	OBSERVATIONAL STUDIES	MEDICAL EQUIPMENT
PHARMACEUTICAL INDUSTRY	418	65	21
OTHER ENTITIES	59	53	23
SELF-SPONSORED (FIBICO)	4	5	1
TOTAL	481	123	45



**SCIENTIFIC
PRODUCTION**

08



8.1. SCIENTIFIC PROGRAMS

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» GENERAL GOALS

The Aging and Frailty Program is dedicated to uncovering the molecular and cellular processes that support healthy aging, with the ultimate aim of designing psychosocial, nutritional, strategies to prevent frailty and age-related diseases. Aging itself is a key risk factor for cancer and chronic inflammatory conditions. Growing evidence has shed light on some of the biological mechanisms behind this connection, highlighting the central roles of immunosenescence and inflammaging. Yet, important gaps remain, particularly concerning how to prevent—or even reverse—age-associated disorders. In this context, the search for innovative therapies, as well as psychosocial and nutritional interventions, are becoming increasingly important to promote longer and quality of life.

The Program at IMIBIC brings together diverse research groups with complementary expertise. Rather than a limitation, this diversity is one of its greatest strengths: multidisciplinary allows aging to be studied from multiple perspectives and fosters the creation of collaborative projects. Research spans from the molecular and cellular basis of senescence to clinical and interventional studies. A key challenge lies in integrating clinical data with molecular insights, which could help define the hallmarks of both healthy aging and frailty, and thereby reveal novel targets for therapeutic and nutritional approaches. In line with this vision, Program 1 groups conduct a broad range of translational and clinical research. Their efforts have resulted in over a hundred of publications this year—including original articles and reviews—supported by competitive grants from regional and national funding agencies.

Among the research themes explored by Program 1 this year are the following:

- i) Digital health solutions, including machine learning and artificial intelligence–based tools, hardware, and software, are developed and applied to support the diagnosis and prognosis of diseases such as Alzheimer’s and COVID-19, promote healthy lifestyles, support behavior change, and prevent frailty and age-related diseases.
- ii) Nutritional interventions, dietary habits and physical activity are studied in relation to healthy aging, frailty, chronic diseases, cardiovascular risk, and inflammatory biomarkers.
- iii) Research explores tumor and endocrine processes, including thyroid cancer, neuroendocrine tumors, and the role of adrenal incidentalomas and hormones.
- iv) Clinical approaches and innovative pharmacological interventions are assessed through trials and observational studies on novel therapies.
- v) Psychosocial, emotional, and gender-related factors in clinical practice and healthcare professional training are critically examined.
- vi) The impacts and outcomes of the COVID-19 pandemic are evaluated, covering fear, vaccine effectiveness, and therapeutic options such as calcifediol or corticosteroids.

» 5 HIGHLIGHTED PUBLICATIONS

1. Arenas-Montes J, Alcala-Diaz JF, Garcia-Fernandez H, Gutierrez-Mariscal FM, Lopez-Moreno A, Luque-Cordoba D, Larriva APAD, Torres-Pena JD, Luque RM, Prodam F, Priego-Capote F, Delgado-Lista J, Lopez-Miranda J, Camargo A. A microbiota pattern associated with cardiovascular events in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2025. 2104-2115. DOI:10.1093/eurheartj/ehaf181. IF: 35,1 Q1 D1

2. Laguna-Muñoz D, Pata MP, Jiménez-Peinado A, Jaén-Moreno MJ, Camacho-Rodríguez C, Pozo GID, Vieta E, Correll CU, Solmi M, Caballero-Villarraso J, Alarcón-Laguna MI, Sarramea F. Mortality from respiratory diseases in individuals with severe mental illness: a large-scale systematic review and meta-analysis of pooled and specific diagnoses. LANCET PSYCHIATRY. 2025. 768-779. DOI: 10.1016/S2215-0366(25)00262-7 IF: 21,1 Q1 D1

3. Soria-Utrilla V, Vero C, Romero-Zerbo SY, Adarve-Castro A, López-Urdiales R, Herranz-Antolín S, García-Almeida JM, García-Malpartida K, Ferrer-Gómez M, Moreno-Borreguero A, Luengo-Pérez LM, Alvarez-Hernández J, Aragón-Valera C, Ocón-Bretón MJ, García-Manzanares A, Bretón-Lesmes I, Serrano-Aguayo P, Pérez-Ferre N, López-Gómez JJ, Olivares-Alcolea J, Moreno-Martínez M, Tejera-Pérez C, García-Arias S, Abad-González AL, Alhambra-Expósito MR, Zugasti-Murillo A, Parra-Barona J, Torrejón-Jaramillo S, Abuin J, Fernández-García JC, Oliveira G. Biomarkers of oxidation, inflammation and intestinal permeability in persons with diabetes mellitus with parenteral nutrition: A multicenter randomized trial. CLINICAL NUTRITION. 2025. 155-164. DOI:10.1016/j.clnu.2024.11.044. IF: 7,4 Q1 D1

4. Naranjo-Rojas A, Perula-de Torres LA, Cruz-Mosquera FE, Molina-Recio G. Efficacy and Acceptability of a Mobile App for Monitoring the Clinical Status of Patients With Chronic Obstructive Pulmonary Disease Receiving Home Oxygen Therapy: Randomized Controlled Trial. JOURNAL OF MEDICAL INTERNET RESEARCH. 2025. -. DOI:10.2196/65888. IF: 6 Q1 D1

5. Alvarez P, Navas A, Martí-Antonio M, Bernardo R, Trujillo-Aguilera A, Costa A, Carrero-Chiquillo L, Vaquero JM, de la Fuente C, Molina J, Jurado A. Algorithms for appropriate patient stratification in the face of a new SARS-CoV-2 pandemic. IMMUNITY & AGEING. 2025. -. DOI:10.1186/s12979-025-00532-w. IF: 5,6 Q1 D2

*The impact factor for these publications has been updated with JCR2024.

» SUB-PROGRAMS

- Aging of the immune system: Immunosenescence and inflammaging
- Frailty and well-being in the elderly
- Care of chronically ill patients
- Lifestyle Interventions and Digital Health for Healthy Aging

» HIGHLIGHTS IN 2025

No. of PUBLICATIONS: **100**

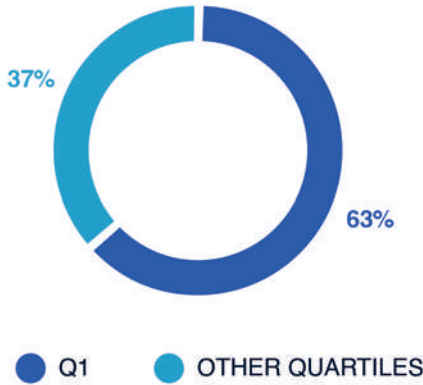
- Own: 70%
- No. of collaborative publications: 33
- IF: 457.80
- Q1 (including D1): 63%
- D1: 14%

No. of ONGOING PROJECTS: **31**

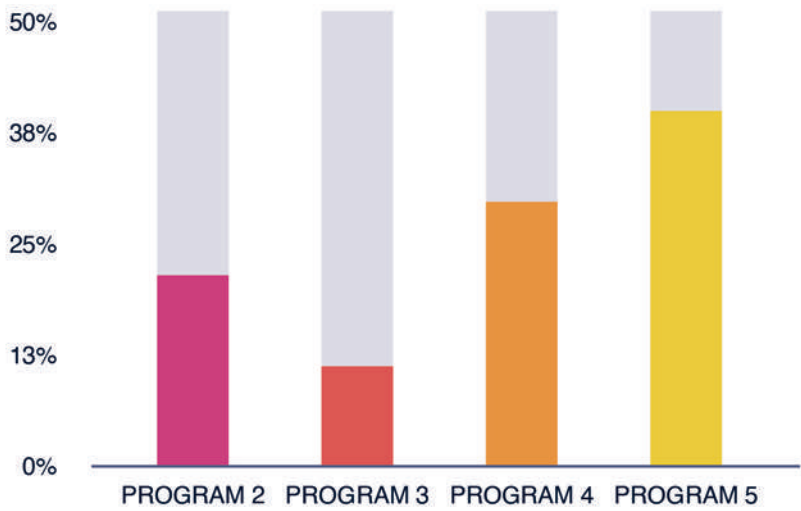
- N° of collaborative projects: 21

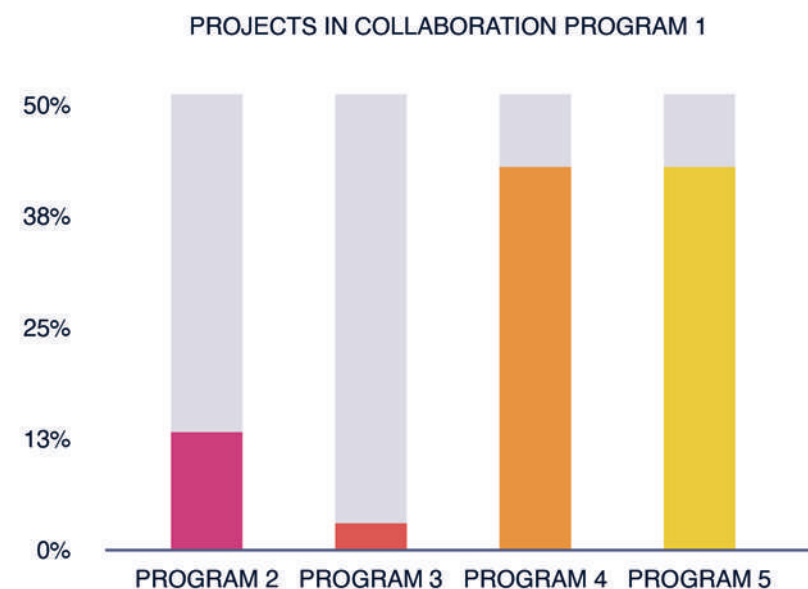
No. of ONGOING CLINICAL TRIALS: **16**

» PROGRAM 1



PUBLICATIONS IN COLLABORATION PROGRAM 1





SCIENTIFIC PROGRAM 2: NUTRITION, ENDOCRINE AND METABOLIC DISEASES

» GENERAL GOALS

This program is dedicated to improving the health of individuals with metabolic and endocrine disorders by generating new knowledge that not only supports prevention but also contributes to the development of effective diagnostic and therapeutic tools. Within this framework, lifestyle interventions—particularly nutrition—play a central role.

Metabolic diseases such as obesity, diabetes, and metabolic dysfunction—associated steatotic liver disease (MASLD) are highly prevalent worldwide. They are also major risk factors for cardiovascular, neurological, and kidney disorders, among other diseases. Furthermore, the negative impact of obesity on reproductive health is well established. Collectively, these conditions reduce both quality of life and life expectancy, with significant implications for public health and social well-being. Despite their relevance, important gaps remain in our understanding of their causes, underlying mechanisms, comorbidities, and in identifying the most effective strategies for prevention and treatment.

Within this context, the groups in Scientific Program 2 carry out research across multiple dimensions of metabolic and endocrine diseases, generating valuable insights from studies in humans, animal models, and cellular systems. Their work integrates basic and clinical research, ranging from genetic and epigenetic analyses to investigations of key biological processes such as neuroendocrine regulation, oxidative stress, inflammation, fibrosis, hypoxia and psychosocial factors. The overarching goal is to develop efficient translational tools to address these conditions through personalized medicine approaches.

The diverse expertise of the teams within Program 2 enables both specialized research in their respective subfields and the promotion of interdisciplinary collaborations. This collaborative framework has led to the publication of a substantial number of original articles and reviews, supported by competitive national and international grants. Researchers at all career stages—ranging from senior scientists to early-stage investigators recruited through prestigious programs—have contributed to these achievements. The progress and recognition attained this year underscore the program's ambition to achieve excellence in research, consolidating its role as a highly competitive initiative focused on prevalent conditions such as diabetes, obesity, and reproductive disorders, under the paradigm of personalized and precision medicine.

The research developed within this program over the past year has addressed a wide range of topics, including:

- Research on dietary patterns, nutrition, and lifestyle behaviors, evaluating their impact on cardiometabolic risk, diabetes, obesity and overall health outcomes.
- Analysis of behavioral and psychosocial interventions, in order to analyze variables such as the role of motivation in diet adherence, quality of life and well-being.
- Study of the pathophysiological mechanisms underlying key reproductive phenomena and its alterations, with a particular focus on the neuroendocrine systems controlling of puberty and fertility.
- Analysis of the dynamic interplay between metabolism, nutrition and reproduction, with special interest on the identification of novel pathophysiological mechanisms, diagnostic tools and therapeutic interventions.
- Identify risk factors for the prevention of childhood-onset diseases and the impact on health later in life, with a focus in diagnostic and therapeutic tools for pediatric diseases in different medical domains (neurology, oncology, nephrology...)

» 5 HIGHLIGHTED PUBLICATIONS

- Argente J, Farooqi IS, Chowen JA, Kühnen P, López M, Morselli E, Gan HW, Spoudeas HA, Wabitsch M, Tena-Sempere M. Hypothalamic obesity: from basic mechanisms to clinical perspectives. LANCET DIABETES & ENDOCRINOLOGY. 2025. 57-68. DOI:10.1016/S2213-8587(24)00283-3. IF: 41,8 Q1 D1
- Boughanem H, Torres-Peña JD, Arenas-de Larriva AP, Romero-Cabrera JL, Gómez-Luna P, Martín-Piedra L, Rodríguez-Cantalejo F, Tinahones FJ, Serrano EMY, Soehnlein O, Perez-Martinez P, Delgado-Lista J, López-Miranda J. Mediterranean diet, neutrophil count, and carotid intima-media thickness in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2024. 719-729. DOI:10.1093/eurheartj/ehae836. IF: 35,6 Q1 D1
- Arenas-Montes J, Alcalá-Díaz JF, García-Fernández H, Gutiérrez-Mariscal FM, Lopez-Moreno A, Luque-Cordoba D, Larriva APAD, Torres-Pena JD, Luque RM, Prodám F, Priego-Capote F, Delgado-Lista J, Lopez-Miranda J, Camargo A. A microbiota pattern associated with cardiovascular events in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2025. 2104-2115. DOI:10.1093/eurheartj/ehaf181. IF: 35,1 Q1 D1
- Vazquez MJ, Daza-Dueñas S, Velasco I, Ruiz-Pino F, Sanchez-Tapia MJ, Manfredi-Lozano M, Torres-Granados C, Barroso A, Roa J, Sánchez-Garrido MA, Dieguez C, Lomniczi A, Nogueiras R, Tena-Sempere M. Hypothalamic SIRT1-mediated regulation of the hormonal trigger of ovulation and its repression in energy deficit. METABOLISM-CLINICAL AND EXPERIMENTAL. 2025. -. DOI:10.1016/j.metabol.2024.156125. IF: 11,9 Q1 D1
- Boughanem H, Párraga-Viúdez MJ, Ojeda-Rodríguez A, Romero-Cabrera JL, Narváez ERD, Lopez-Moreno A, Torres-Peña JD, Macías-González M, Alcalá-Díaz JF, Larriva APAD, Pérez-Martínez P, Delgado-Lista J, Lopez-Miranda J, Rangel-Zuñiga OA. Circulating long non-coding RNAs as predictors of type 2 diabetes mellitus development: results from the CORDIOPREV study. CARDIOVASCULAR DIABETOLOGY. 2025. -. DOI:10.1186/s12933-025-02942-y. IF: 10,6 Q1 D1

*The impact factor for these publications has been updated with JCR2024.

» SUB-PROGRAMS

- Metabolic Syndrome & Nutrition: GC09, GC10, GC11, GC23, GC32, GA05, GA15
- Reproductive Health: GC10, GC23, GA05
- Pediatric: prevention and treatment of diseases during childhood and adolescence: GC23, GC32, GA05

» HIGHLIGHTS IN 2025

No. of PUBLICATIONS: **135**

- Own: **53%**
- No. of collaborative publications: **22**
- IF: **748.5**
- Q1 (including D1): **66%**

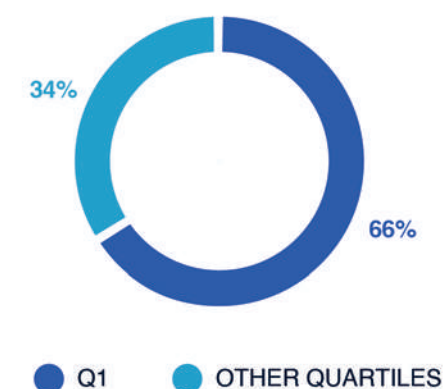
D1: **20%**

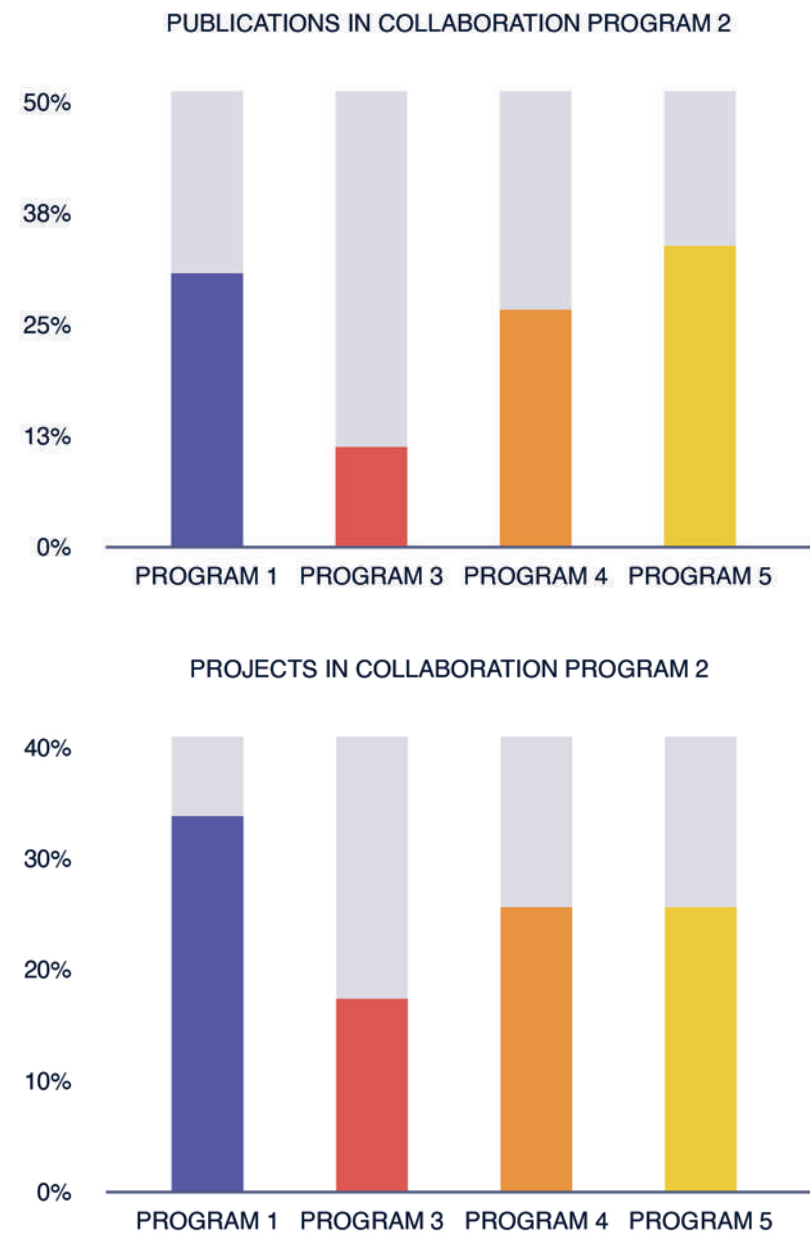
No. of ONGOING PROJECTS: **30**

No. of collaborative projects: **9**

No. of ONGOING CLINICAL TRIALS: **45**

» PROGRAM 2





SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» GENERAL GOALS

Scientific Program 3 represents a fundamental cornerstone of the institutional research architecture at the Maimonides Biomedical Research Institute of Córdoba (IMIBIC). Operating at the critical intersection of basic host-pathogen immunodynamics and tertiary clinical care, the program is dedicated to deciphering complex biological interactions across infectious, zoonotic, immunological, and organ transplantation pathologies. Integrated closely with the clinical infrastructure of the Reina Sofía University Hospital (HURS) and the health delivery mandates of the Andalusian Health Service (SAS), Program 3 generates translational evidence that directly informs clinical practice guidelines, optimizes therapeutic interventions, and enhances public health governance evaluated by the Carlos III Health Institute (ISCIII). The overarching strategic mission of Program 3 is to advance a unified ecosystem of translational excellence. The program actively strengthens collaborative networks across regional, national, and international tiers, establishing high-impact partnerships with both public healthcare entities and industrial biopharmaceutical stakeholders. By executing well-defined clinical and basic research targets, Program 3 ensures the direct transfer of host-pathogen insights into clinical practice guidelines and commercial technology transfers. Furthermore, this collaborative operational model drives the creation of biotechnology spin-offs, provides a rigorous academic training environment, and guarantees long-term career stability for scientific personnel. This institutional and operational structure provided the foundation for the program’s quantitative productivity and strategic scientific outputs during the 2025 evaluation cycle.

Scientific Production & Key Operational Metrics (2025 Benchmark)

The operational performance indicators for Scientific Program 3 during 2025 demonstrate robust scientific productivity, high citation impact, and national competitiveness aligned with the evaluation benchmarks established by the Carlos III Health Institute (ISCIII). Benchmarked against the 2024 performance baseline (96 publications, 26 active projects, and 23 clinical trials), the 2025 metrics highlight sustained growth, particularly through an 11.5% expansion in competitive research grant acquisition (reaching 29 active projects) and sustained leadership in multi-centric European consortia funded under the Horizon Europe framework. A strategic analysis of these performance metrics reveals the maturity of Program 3’s research model. Maintaining a 53% Own Production rate confirms that IMIBIC investigators actively drive the conceptual design and principal execution of their research lines, rather than serving as passive cohort contributors. Concurrently, the 20 collaborative publications demonstrate internal synergy. The program’s scientific quality is underscored by a 62% Q1 ratio and a 29% D1 concentration, confirming that nearly one-third of all published work reaches top-tier global journals. Furthermore, managing 29 active competitive projects alongside 20 clinical trials provides the financial stability and clinical validation pipeline required to translate laboratory findings into tangible patient care improvements within the SAS network. These quantitative metrics reflect the underlying strength and clinical rigor of the core thematic sub-programs driving IMIBIC’s scientific agenda.

» 5 HIGHLIGHTED PUBLICATIONS

1. Caballero-Gómez J, Casares-Jimenez M, Gallo-Marín M, Pereira-Pardo S, Beato-Benítez A, Poyato A, Guerra R, Avellón A, Schilling-Loeffler K, Freyre-Carrillo C, García-Bocanegra I, Jiménez-Martin D, Corona-Mata D, Viciano I, Fajardo T, Muñoz-Chimeno M, Quevedo MA, Rios-Muñoz L, Pérez AB, Cano-Terriza D, Macías J, Fuentes A, John R, Rivero-Juarez A, Rivero A. Rat hepatitis E virus as an aetiological agent of acute hepatitis of unknown origin. *Journal of Hepatology*. 2025; 662-669. DOI: 10.1016/j.jhep.2025.02.027. IF: 33 Q1, D1.
2. Paez-Vega A, Vaquero-Barrios JM, Ruiz-Arabi E, Iturbe-Fernandez D, Alonso R, Ussetti-Gil P, Monforte V, Pastor A, Fernandez-Moreno R, Mora VM, Erro-Iribarren M, Quezada CA, Berastegui C, Cifrian-Martinez JM, Cano A, Caston JJ, Machuca I, Lobo-Acosta MA, Gutierrez-Gutierrez B, Cantisan S, Torre-Cisneros J. Safety and efficacy of immunoguided prophylaxis for cytomegalovirus disease in low-risk lung transplant recipients in Spain: a multicentre, open-label, randomised, phase 3 noninferiority trial. *The Lancet Regional Health - Europe*. 2025; 101268. DOI: 10.1016/j.lanepe.2025.101268. IF: 13 Q1, D1.
3. Gómez-Orellana AM, Rodríguez-Perálvarez ML, Guijo-Rubio D, Gutiérrez PA, Majumdar A, McCaughan GW, Taylor R, Tsochatzis EA, Hervás-Martínez C. Gender-Equity Model for Liver Allocation Using Artificial Intelligence (GEMA-AI) for Waiting List Liver Transplant Prioritization. *Clinical Gastroenterology and Hepatology*. 2025; 2187-2196. DOI: 10.1016/j.cgh.2024.12.010. IF: 12,2 Q1, D1.
4. Ayllón-Gavilán R, Guijo-Rubio D, Gutiérrez PA, Bagnall A, Hervás-Martínez C. Convolutional-and Deep Learning-Based Techniques for Time Series Ordinal Classification. *IEEE Transactions on Cybernetics*. 2025; 537-549. DOI: 10.1109/TCYB.2024.3498100. IF: 10,5 Q1, D1.
5. Gómez-Orellana AM, Vega-Bayo M, Guijo-Rubio D, Pérez-Aracil J, Vargas VM, Gutiérrez PA, Prieto-Godino L, Salcedo-Sanz S, Hervás-Martínez C. Enhancing wind speed prediction in wind farms through ordinal classification. *Energy and AI*. 2025; 100596. DOI: 10.1016/j.egyai.2025.100596. IF: 9,6 Q1, D1.

*The impact factor for these publications has been updated with JCR2024.

• 3. Core Research Sub-Programs & Scientific Advances

Scientific Program 3 organizes its translational activities around three dedicated thematic sub-programs: HIV + Hepatitis C, Transplantation, and Multiresistance.

• HIV + Hepatitis C Sub-Program

- **Modern Antiretroviral Regimen Evaluation:** Clinical investigations established real-world efficacy, metabolic durability, and safety profiles for modern single-tablet antiretroviral regimens—specifically bictegravir / emtricitabine / tenofovir alafenamide—in real-world clinical cohorts, with dedicated sub-analyses on individuals presenting with advanced HIV disease (late presenters).
- **Sexually Transmitted Infections (STIs) & Co-Infection Surveillance:** Epidemiological tracking, diagnostic algorithms, and clinical management protocols were updated for sexually transmitted infections—including acute mpox, viral hepatitis co-infections, and mucosal STIs—across the general population, key vulnerable demographics, and immunocompromised cohorts beyond HIV, optimizing early detection, controlling community transmission, and mitigating systemic complications.
- **Longitudinal Survival & Co-Infection Dynamics:** Long-term cohort studies evaluated life expectancy trajectories and age-associated comorbidities in patients under sustained virological suppression, while clinical protocols documented the systemic management and dermatological/systemic complications of acute mpox co-infections in individuals with unsuppressed HIV replication.
- **Viral Reservoir Dynamics & Elite Controllers:** Translational molecular studies profiled the persistence mechanisms, transcriptional activity, and chromosomal integration patterns of the HIV-1 viral reservoir, delineating distinct immunogenetic and epigenetic markers that differentiate elite controllers from typical non-controllers.
- **Emerging Zoonotic Viral Pathogens:** Expanding One Health operational frameworks, researchers tracked rat hepatitis E virus (Rocahepevirus *ratti*) transmission in immunosuppressed populations living with HIV and identified its etiologic role in previously unexplained acute hepatitis cases across European patient cohorts.

• Transplantation Sub-Program

- **Solid Organ Allocation & Access Equity:** Transplantation investigators refined liver donor allocation algorithms by updating physiological severity metrics, directly addressing structural access inequities for vulnerable patient groups on the organ waiting list.

- **Corneal Tissue Engineering & Ocular Graft Regeneration:** Ophthalmic research teams advanced bioartificial matrices, plasmonic nanoparticles, and tissue engineering strategies for ocular tissue reconstruction.
- **Invasive Fungal Infection Stewardship:** Comparative multi-center studies evaluated diagnostic and therapeutic protocols for invasive fungal infections in solid organ transplant recipients, establishing comparative safety, efficacy, and pharmacoeconomic profiles for isavuconazole versus voriconazole.
- **Thoracic Graft Preservation Optimization:** Surgical research teams advanced ex vivo lung perfusion (EVLP) technologies and static hypothermic preservation parameters, extending donor graft viability windows and improving post-transplant pulmonary function scores.
- **Cytomegalovirus Management Protocols:** Multi-institutional consensus initiatives updated clinical management guidelines for cytomegalovirus (CMV) viral load monitoring, resistance testing, and targeted prophylaxis in high-risk solid organ and hematopoietic transplant recipients.
- **Multiresistance Sub-Program**
- **Gram-Negative Resistance Genetics:** Comprehensive molecular inquiries mapped the genetic architecture, plasmid transmission vectors, and mortality predictors of carbapenem-resistant Enterobacterales and *Pseudomonas aeruginosa* within intensive care units.
- **Novel Antimicrobial Combination Evaluation:** Experimental and clinical studies evaluated the therapeutic efficacy and resistance emergence rates of novel beta -lactam/ beta-lactamase inhibitor combinations (e.g., ceftazidime/avibactam, ceftolozane/tazobactam) and characterized aminoglycoside resistance mutation patterns across clinical bacterial isolates.
- **Antimicrobial Stewardship Program (PROA) Impact:** Long-term epidemiological evaluations demonstrated that structured hospital-wide PROA interventions yielded sustained reductions in nosocomial transmission and multidrug-resistant *Klebsiella pneumoniae* infection rates. These sub-program advances are directly driven by the specialized strategic priorities executed across the eight individual research groups comprising Program 3.

• **Programmatic Summary & Strategic Readiness**

Scientific Program 3 at IMIBIC combines high scientific productivity, robust competitive funding, and impactful clinical translation. Operating through an integrated structure of eight interdisciplinary research groups, the program maintains an international footprint through participation in Horizon Europe consortia, high-impact publications, and innovative clinical trial management anchored at HURS. Fully aligned with the 2026–2030 IMIBIC Shared Scientific Plan, Program 3 is positioned to advance precision medicine, scale digital health solutions, and establish One Health epidemiological surveillance frameworks for submission to the Carlos III Health Institute (ISCIII), reinforcing its role as an accredited center of excellence in infectious, immunological, and transplantation research.

» **HIGHLIGHTS IN 2025**

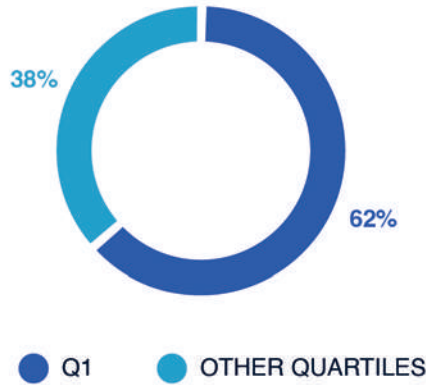
No. of PUBLICATIONS: 98

- Own: 53%
- No. of collaborative publications: 20
- IF: 502.8
- Q1 (including D1): 62%
- D1: 29%

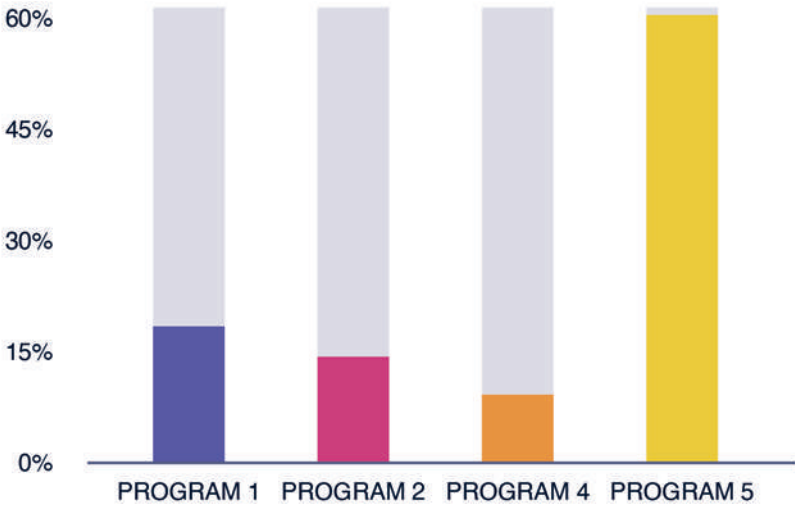
No. of ONGOING PROJECTS: 29

- N° of collaborative projects: 9
- No. of ONGOING CLINICAL TRIALS: 20

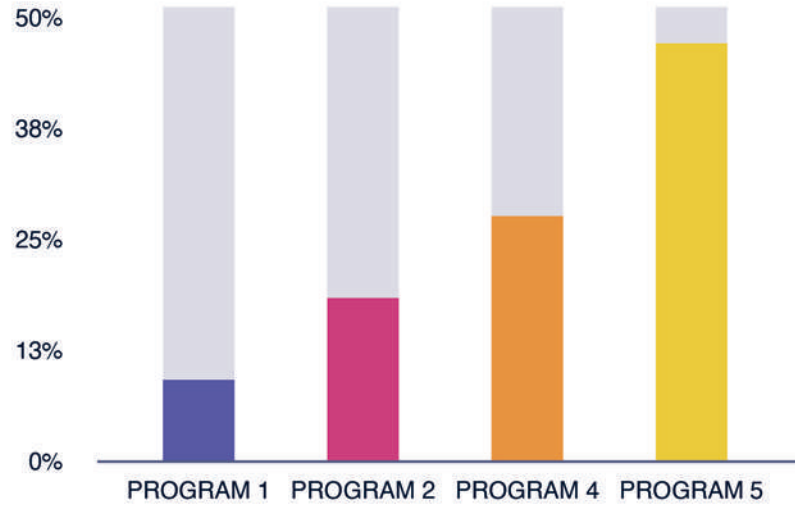
» **PROGRAM 3**



PUBLICATIONS IN COLLABORATION PROGRAM 3



PROJECTS IN COLLABORATION PROGRAM 3



SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» **GENERAL GOALS**

Cancer remains a major global health challenge, highlighting the continuing need to improve prevention, early detection, diagnosis, and treatment. Despite advances in therapeutic strategies, a deeper understanding of tumor biology and the mechanisms underlying disease progression and treatment resistance remains essential to improve patient outcomes. Against this backdrop, the central mission of Scientific Program 4 is to advance cancer prevention, diagnosis, and treatment through a comprehensive and multidisciplinary approach. Key objectives include the identification of novel biomarkers and therapeutic targets, the development of innovative treatment strategies, and the optimization of personalized care. The integration of molecular and clinical research with multi-omic technologies, liquid biopsy, advanced imaging, and artificial intelligence (AI) remains central to this mission. These approaches support the investigation of tumor vulnerabilities, more accurate risk stratification, and the development of tools to guide therapeutic decisions. In 2025, the Program continued to pursue these goals through substantial scientific and clinical activity. It generated 138 publications, with 48% classified as own publications and 28 reported as collaborative publications. The cumulative journal impact factor reached 940.10, with 60% of publications appearing in Q1 journals, including 26% in D1 journals. The Program also maintained 60 ongoing research projects, including 27 collaborative projects, and 155 ongoing clinical trials. These achievements reflect its sustained commitment to collaborative research and the translation of scientific knowledge into advances in precision oncology.

The research published within the Program during the year encompassed a broad range of topics, including:

- i) Identification of diagnostic, prognostic, and predictive biomarkers across solid tumors and hematological malignancies, including pancreatic, prostate, breast, colorectal, and liver cancer, neuroendocrine and pituitary tumors, acute myeloid leukemia, lymphoma, and multiple myeloma. Particular areas of interest included multi-omic signatures, liquid biopsy, circulating tumor cells, and molecular predictors of treatment response, such as FOXC1 expression in triple-negative breast cancer.
- ii) Molecular mechanisms of tumor development, progression, and therapeutic resistance, focusing on RNA processing and splicing dysregulation, epigenetic alterations, metabolic reprogramming, autophagy, and tumor-immune interactions. Studies addressed the VARS1-MAGI1 axis in hepatocellular carcinoma, miR-7-associated mechanisms in glioblastoma, splicing vulnerabilities in craniopharyngiomas and pseudomyxoma peritonei, and the relationship between glycolysis and immune sensitivity in colorectal cancer.
- iii) Development and evaluation of innovative therapeutic strategies, including MCL1-targeted approaches and PSMA-directed drug delivery in prostate cancer, nanocarriers for leukemia treatment, mirvetuximab soravtansine in ovarian cancer, and osimertinib-based combination therapy in lung cancer. Additional research explored immune checkpoints and mechanisms influencing cetuximab efficacy, alongside clinical studies of CPX-351 and hematopoietic stem cell transplantation in acute myeloid leukemia.
- iv) Precision diagnostics, early detection, and personalized disease monitoring through advanced imaging, radiomics, AI, and molecular profiling. Research included the comparison of biparametric and multiparametric MRI for prostate cancer diagnosis, pancreatic cancer risk prediction, liquid biopsy-based response assessment in metastatic colorectal cancer, and predictive models for pituitary tumor recurrence and progression. The interplay between gut microbiota and dietary habits was also investigated in the context of colorectal cancer screening.
- v) Optimization of surgical and locoregional treatment, particularly cytoreductive surgery and hyperthermic intraperitoneal chemotherapy in ovarian and colorectal cancer, standardization of peritonectomy procedures, and percutaneous ablation of renal tumors. Multicenter studies, meta-analyses, and international consensus initiatives addressed treatment selection, surgical quality, and clinical outcomes, alongside efforts to improve response evaluation and translational research in neuroendocrine neoplasms.
- vi) Patient-centered care, treatment safety, and the broader consequences of cancer and its management. Studies examined anxiety, depression, quality of life, and psychological flexibility in patients with cancer, as well as cancer-associated thrombosis and cardiac complications following hematopoietic cell transplantation. Collaborative initiatives also addressed the endocrine causes and consequences of cancer and defined research priorities for pituitary and neuroendocrine tumors.

» 5 HIGHLIGHTED PUBLICATIONS

1. Hermán-Sánchez N, del Río-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. MOLECULAR CANCER. 2025. -. DOI:10.1186/s12943-024-02206-5. IF: 33,9 Q1 D1
2. Suanes-Cobos L, Aguilera-Ventura I, Torres-Ramos M, Serrano-Yubero A, Moreno Fernández-Aliseda C, Fernández S, Garrido-Rodríguez M, de la Luna S, Prieto-García C, Diefenbacher ME, Mejías-Pérez E, Calzado MA. A Novel Feedback Loop Between DYRK2 and USP28 Regulates Cancer Homeostasis and DNA Damage Signaling. CELL DEATH & DIFFERENTIATION. 2025. Aug 26. DOI: 10.1038/s41418-025-01565-w. IF:15.4 Q1 D1
3. Torrecilla-Parra M, Pardo-Marqués V, Fuentes-Fayos AC, G-García ME, Fernández-de Frutos M, López-Aceituno JL, Puig-dueta C, Zamora C, Pérez-García A, Aranda JF, Busto R, Gahete MD, Luque RM, Ramírez CM. MiR-7 inhibits progression of glioblastoma by impairing autophagy resolution, energy metabolism and ECM remodeling. JOURNAL OF EXPERIMENTAL & CLINICAL CANCER RESEARCH. 2025. -. DOI:10.1186/s13046-025-03504-6. IF: 12,8 Q1 D1
4. Hamm JJM, van den Berg R, Andrinopoulou ER, Zwanenburg ES, Musters GD, Tanis PJ, Arjona-Sanchez A. Adjuvant hyperthermic intraperitoneal chemotherapy in patients with colon cancer at high risk of peritoneal metastases: individual patient data meta-analysis. BJS-BRITISH JOURNAL OF SURGERY. 2025. -. DOI:10.1093/bjs/znaf076. IF: 8,8 Q1 D1
5. Peña-Enríquez R, Bermejo B, Pollán M, Díaz-Chacón A, Gilarranz YJ, Lorenzo JJP, Aramburo AF, de Ibargüen BCS, Bertrán AS, Galve-Calvo E, Jiménez-Arranz A, Fernández Y, Pérez ME, de la Cruz S, Anton-Torres A, Moreno F, Vidal-Losada MJ, López-Ceballos MH, Blancas I, Echarri MJ, Rincón R, Caballero R, Guerrero-Zotano A, Guil-Luna S, de la Haba-Rodríguez J. Molecular characterization of pregnancy-associated breast cancer and insights on timing from GEICAM-EMBAR-CAM study. NPJ BREAST CANCER. 2025. -. DOI:10.1038/s41523-025-00718-x. IF: 7,6 Q1 D2

*The impact factor for these publications has been updated with JCR2024.

» SUB-PROGRAMS

- Lung cancer
- Breast cancer
- Hepatocellular carcinoma
- Leukaemias and lymphomas
- Digestive tumours
- Other tumours

» HIGHLIGHTS IN 2025

No. of PUBLICATIONS: **138**

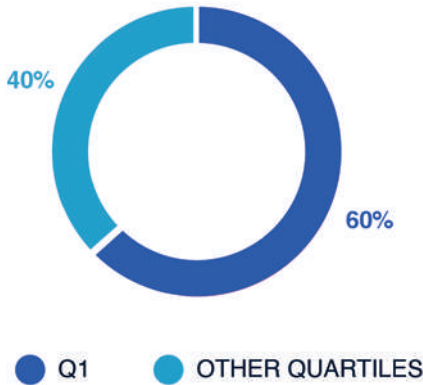
- Own: **48%**
- N° of collaborative publications: **28**
- IF: **940.10**
- Q1 (including D1): **60%**
- D1: **26%**

No. of ONGOING PROJECTS: **60**

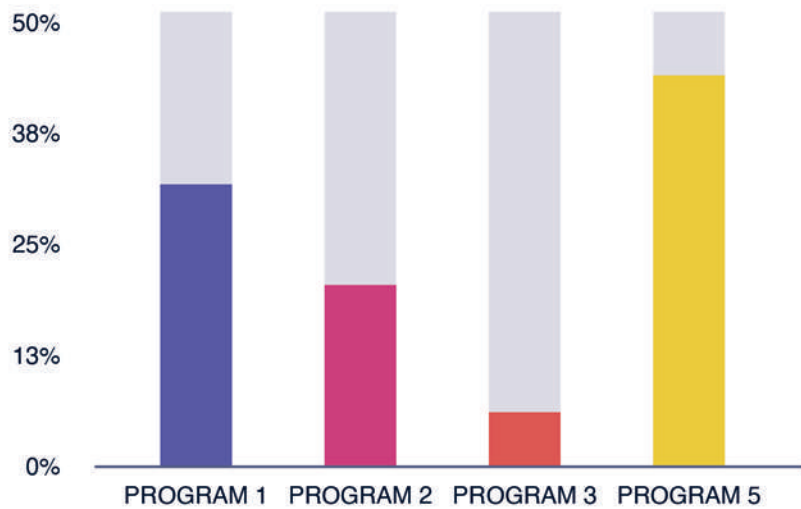
- N° of collaboraive projects: **27**

No. of ONGOING CLINICAL TRIALS: **155**

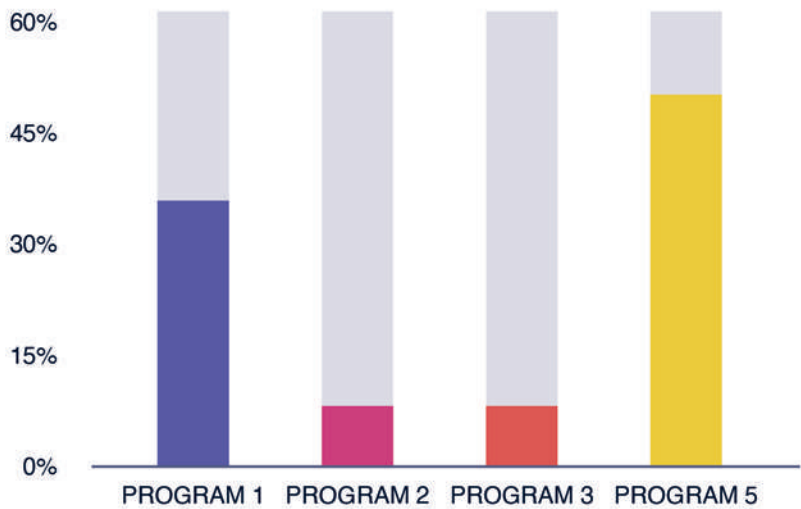
» PROGRAM 4



PUBLICATIONS IN COLLABORATION PROGRAM 4



PROJECTS IN COLLABORATION PROGRAM 4



SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» GENERAL GOALS

The rising prevalence of chronic and inflammatory diseases, driven by population ageing, multimorbidity and persistent exposure to metabolic, environmental and immune-related risk factors, continues to place a substantial burden on patients, health systems and society. These conditions require earlier risk stratification, more precise monitoring and interventions that address both disease mechanisms and long-term functional outcomes.

In response, Scientific Program 5 advances an integrated, patient-centred research agenda across cardiovascular, musculoskeletal, neurological, kidney and urological, liver and digestive diseases, together with chronic inflammation and signalling. The programme combines clinical cohorts and registries, mechanistic and multi-omic research, advanced imaging, and interventional studies to translate biological knowledge into prevention, diagnosis and personalised treatment.

- Defining molecular, cellular, metabolic and imaging-based determinants of disease onset, progression, multimorbidity and treatment response.
- Developing and evaluating stratified therapeutic, procedural and care-pathway strategies that improve prognosis, safety, function and quality of life.
- Identifying modifiable risk factors and actionable biomarkers to support prevention, earlier diagnosis and more efficient long-term monitoring.

The programme promotes the generation of integrated clinical, molecular and imaging profiles that clarify disease heterogeneity and shared inflammatory pathways across organ systems. It also strengthens the implementation of precision medicine through multicentre collaboration, real-world evidence, advanced analytics and the development of clinically applicable biomarkers and decision-support approaches.

In 2025, the programme generated a broad portfolio of basic, clinical, translational and population-based research. The output included high-impact multicentre studies, randomised and registry-based analyses, systematic reviews, multi-omic characterisation and technology-enabled diagnostic and prognostic approaches. This work reinforced the programme's capacity to connect mechanistic discovery with clinical decision-making across its subprogrammes.

The 2025 advances reflect sustained national and international collaboration, with contributions from consolidated, emerging and associated groups. Publications drew on prospective cohorts, disease registries, controlled trials and real-world datasets, enabling validation of clinically relevant questions across diverse patient populations and facilitating cross-disciplinary links between inflammation, metabolism, imaging and organ-specific disease.

The incorporation of multi-omic profiling, single-cell and proteomic approaches, machine learning, artificial intelligence and advanced imaging continued to expand the programme's translational potential. Together with experimental models and longitudinal clinical data, these tools support more precise phenotyping, risk prediction, therapeutic selection and follow-up, with the ultimate aim of delivering personalised and value-based care.

Collaborative and cross-disciplinary research remained a defining feature of the programme in 2025. Several relevant publications resulted from joint work among Program 5 groups, integrating complementary expertise in clinical research, molecular profiling, advanced imaging, interventional procedures and data analysis. In addition, collaborations with groups from other IMIBIC scientific programmes strengthened the Institute's capacity to address shared pathogenic mechanisms, multimorbidity and complex clinical pathways through multidisciplinary research networks.

» HIGHLIGHTED PUBLICATIONS

1. Hermán-Sánchez N, del Rio-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. MOLECULAR CANCER. 2025. -. DOI:10.1186/s12943-024-02206-5. IF: 33,9 Q1 D1
2. Lopez-Pedrerá C, Pérez-Sánchez C, Tektonidou MG. Towards precision medicine in antiphospholipid syndrome. LANCET RHEUMATOLOGY. 2025. e576-e589. DOI:10.1016/S2665-9913(25)00094-3. IF: 16,4 Q1 D1
3. Ibanez B, Latini R, Rossello X, Dominguez-Rodriguez A, Fernández-Vazquez F, Pelizzoni V, Sánchez PL, Anguita M, Barrabés JA, Raposeiras-Roubín S, Pocock S, Escalera N, Staszewsky L, Pérez-García CN, Díez-Villanueva P, Pérez-Rivera JA, Prada-Delgado O, Owen R, Pizarro G, Caldes O, Gómez-Talavera S, Tuñón J, Bianco M, Zarauza J, Vetrano A, Campos A, Martínez-Huertas S, Bueno H, Puentes M, Grigis G, Bonilla-Palomas JL, Marco E, González-Juanatey JR, Bangueses R, González-Juanatey C, García-Alvarez A, Ruiz-García J, Carrasquer A, García-Rubira JC, Pascual-Figal D, Tomás-Querol C, San Román JA, Baratta P, Agüero J, Martín-Reyes R, Colivicchi F, Ortas-Nadal R, Bazal P, Cordero A, Fernández-Ortiz A, Basso P, González E, Poletti F, Bugani G, Debiasio M, Cosmi D, Navazio A, Bermejo J, Tortorella G, Marini M, Botas J, de la Torre-hernández JM, Ottani F, Fuster V. Beta-Blockers after Myocardial Infarction without Reduced Ejection Fraction. NEW ENGLAND JOURNAL OF MEDICINE. 2025. 1889-1900. DOI:10.1056/NEJMoa2504735. IF: 78,5 Q1 D1
4. Ciria R, Ivanics T, Aliseda D, Claasen M, Alconchel F, Gaviria F, Briceño J, Berardi G, Rotellar F, Sapisochin G. Liver transplantation for primary and secondary liver tumors: Patient-level meta-analyses compared to UNOS conventional indications. HEPATOLOGY. 2025. 1700-1713. DOI:10.1097/HEP.0000000000001129. IF: 15,8 Q1 D1
5. Gay-Mimbrera J, Lozano-Ojalvo D, Gómez-Arias PJ, Rivera-Ruiz I, Aguilar-Luque M, Mochón-Jiménez C, Pulido EA, Pérez-Alegre M, Guttman-Yassky E, Ruano J. Comprehensive single-cell chromatin and transcriptomic profiling of peripheral immune cells in nonsegmental vitiligo. BRITISH JOURNAL OF DERMATOLOGY. 2025. 115-124. DOI:10.1093/bjd/ljaf041. IF: 9,6 Q1 D1

*The impact factor for these publications has been updated with JCR2024.

» SUB-PROGRAMS

- Cardiovascular diseases
- Diseases of the musculoskeletal system and connective tissue
- Neurological diseases and mental health
- Kidney and urological diseases
- Liver and digestive diseases
- Chronic inflammation and signalling

1) Cardiovascular Diseases

Research in 2025 advanced cardiovascular prevention, risk stratification and interventional management. Major multicentre evidence refined the role of beta-blockers after myocardial infarction in patients with mildly reduced ejection fraction, while studies in structural heart disease addressed transcatheter aortic-valve interventions, tricuspid regurgitation and quality-of-life outcomes. Additional work evaluated antithrombotic management, coronary revascularisation strategies, conduction-system pacing, heart-failure care pathways and the clinical interaction between heart failure and advanced chronic kidney disease. These studies strengthen the evidence base for tailored treatment in complex, multimorbid cardiovascular populations.

2) Diseases of the Musculoskeletal System and Connective Tissue

In 2025, research in musculoskeletal and connective-tissue disease combined clinical epidemiology, therapeutic effectiveness and molecular characterisation. Studies in axial spondyloarthritis examined diagnostic delay, structural damage, HLA-B27-related clinical expression, persistent CRP elevation and endothelial dysfunction, and used imaging and omics to improve disease phenotyping. Work in psoriatic arthritis, rheumatoid arthritis, systemic sclerosis and inflammatory myopathies addressed disease activity, treatment response, comorbidity and real-world outcomes. The portfolio also included trials and observational studies in degenerative and rehabilitation-related conditions, supporting more individualised approaches to musculoskeletal health and function.

3) Neurological Diseases and Mental Health

Neurological and mental-health research addressed acute and chronic neurological disease, rehabilitation and care organisation. Publications evaluated imaging and cell-therapy-related biomarkers after ischaemic stroke, mechanical thrombectomy strategies and the potential relevance of the microbiota–gut–brain axis. In multiple sclerosis, international real-world studies assessed predictors of long-term disease course and treatment management, alongside analyses of the organisation and uptake of innovation in specialised care units. Additional work examined neurodevelopment, musculoskeletal recovery and the relationship between severe mental illness and respiratory disease, broadening the programme's perspective on neurological outcomes and multimorbidity.

4) Kidney and Urological Diseases

Kidney and urological research in 2025 focused on chronic kidney disease progression, mineral and bone disorder, dialysis-related inflammation, transplantation and precision diagnostics. Studies investigated sclerostin, phosphate and magnesium balance, novel inflammatory biomarkers and translational cross-species omics approaches, while also examining renal and cardiovascular outcomes across KDIGO stages. Clinical research addressed membranous nephropathy remission, frailty in transplant candidates, sensitisation after graft failure and quality of life in haemodialysis. In urology, the programme contributed to high-impact evidence on MRI pathways for prostate-cancer diagnosis and to diagnostic applications of peritoneal scintigraphy/SPECT-CT.

5) Liver and Digestive Diseases

Liver and digestive research integrated inflammatory bowel disease, hepatology, transplantation and digestive oncology. In inflammatory bowel disease, studies explored proteomic and faecal metagenomic signatures at diagnosis, environmental risk factors, treatment withdrawal, preventive strategies and the implementation of precision medicine. Hepatology research advanced the understanding of hepatocellular carcinoma, viral hepatitis and autoimmune liver disease, including proteomic mechanisms of tumour aggressiveness, early circulating-tumour-cell dynamics after chemoembolisation, and clinical consequences of opportunistic infections. Liver-transplantation studies evaluated allocation models incorporating artificial intelligence, tumour indications, immunosuppression strategies and graft-survival prediction, supporting more equitable and personalised care.

6) Chronic Inflammation and Signalling

Research on chronic inflammation and signalling expanded mechanistic and translational understanding across immune-mediated diseases. Proteomic, epigenetic and single-cell studies characterised thromboinflammatory signatures in antiphospholipid syndrome, immune dysregulation in alopecia areata and vitiligo, and molecular pathways associated with rheumatoid arthritis-related interstitial lung disease and systemic sclerosis. Clinical studies evaluated biologic and targeted treatments in psoriasis, atopic dermatitis, psoriatic disease and spondyloarthritis, including safety, effectiveness, treatment persistence and predictors of response. This work reinforces the role of shared inflammatory pathways and biomarker-led stratification in the management of chronic immune-mediated conditions.

Enhancing the work across various subprograms, a transversal group played a crucial role by actively collaborating in the development of multiple subprograms.

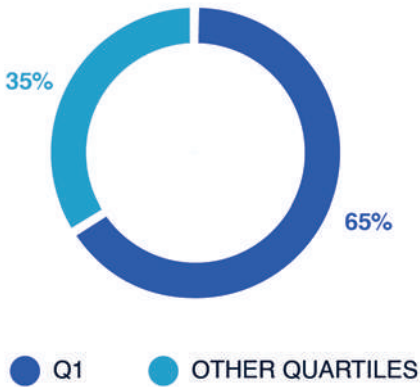
Group GA08: Radiodiagnosis

Radiodiagnosis continued to provide a transversal platform for precision assessment, image-guided intervention and treatment monitoring across the programme. In 2025, contributions included advanced MRI for prostate-cancer diagnosis, imaging biomarkers and procedural strategies in acute ischaemic stroke, interventional-radiology care models, breast MRI for surgical planning, radioembolisation outcomes in liver malignancy and imaging-informed cardiovascular and renal evaluation. The integration of imaging with clinical, molecular and procedural data supports earlier diagnosis, improved patient selection and more accurate evaluation of therapeutic response.

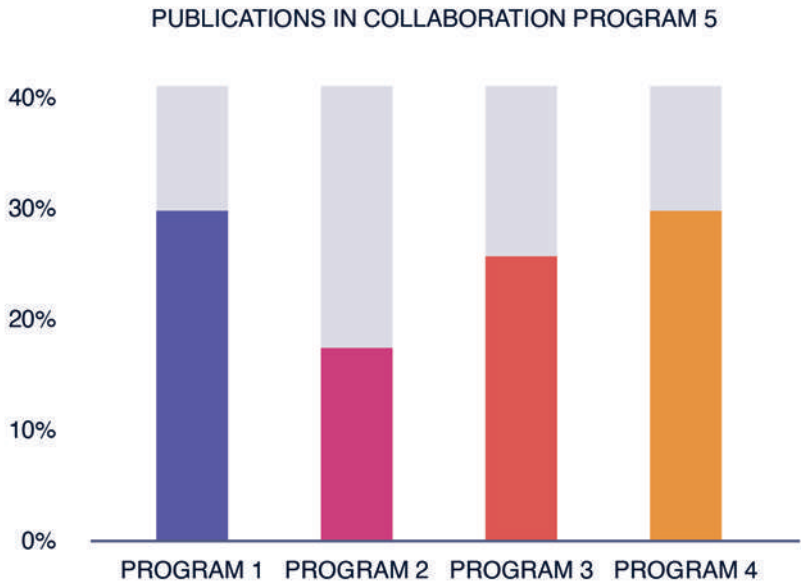
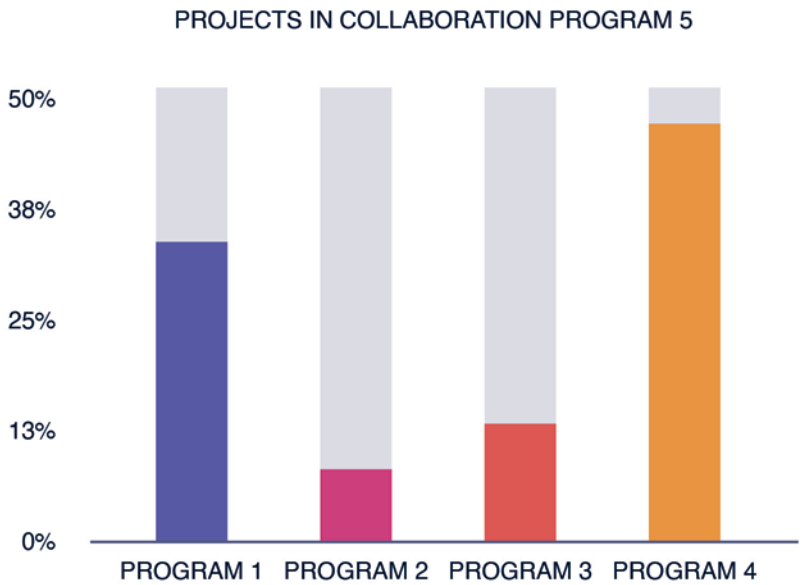
The group’s work was strengthened through collaborations with clinical and translational teams in cardiovascular, neurological, renal, digestive, autoimmune and oncological research. This cross-cutting activity supports the adoption of advanced imaging, image-guided therapies and quantitative radiological tools as essential components of multidisciplinary and personalised care.

» HIGHLIGHTS IN 2025

- No. of PUBLICATIONS: 248
- Own: 49%
 - No. of collaborative publications: 47
 - IF: 1,630.70
 - Q1 (including D1): 65%
 - D1: 22%
- No. of ONGOING PROJECTS: 60
- N° of collaborative projects: 28
- No. of ONGOING CLINICAL TRIALS: 180



» PROGRAM 5



8.2. SCIENTIFIC GROUPS

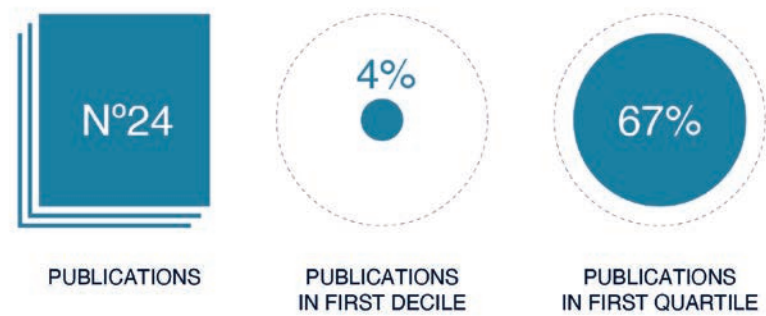
GC01:
IMMUNOLOGY AND ALLERGY

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILTY

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Solana	Lara	Rafael	R4	0000-0001-8985-0295
Alonso	Díaz	Corona	R3	
Batista	Duharte	Alexander	R3	
Jurado	Roger	Aurora	R3	
Pera	Rojas	Alejandra	R3	
Ruiz	León	Berta	R3	
Serrano	Delgado	Mª del Pilar	R3	
Aguado	Álvarez	Rocío	R2	
Barasona	Villarejo	Mª José	R2	
González	Fernández	Rafael	R2	
Manzanares	Martín	Bárbara	R2	
Molina	Alcaide	Juan Eduardo	R2	
Navas	Romo	Ana María	R2	
Saiz	Sánchez	Vanessa	R2	
Álvarez	Romero	Paula	R1	
Bernardo	Serrano	Raquel	R1	
Blanco	Toledano	Nadine	R1	
Carrero	Chiquillo	Laura Fernanda	R1	
Costa	Anzola	Antonio	R1	
Espinar	García	Mónica	R1	
Gómez	De la Cruz Pérez	Sofía	R1	
Reina	Alfonso	Ester Irene	R1	
Trujillo	Aguilera	Antonio	R1	
Vallejo	Bermúdez	Isabel María	R1	
Cañones	Castello	Mª Estrella	N	
Guerra	González	Mercedes	N	
Álvarez	Heredia	Pablo	C	
Hilario	Carrión	Jesús	C	
Velarde	Martínez	Mª Luisa	ADM	

» **SCIENTIFIC PRODUCTION**



» **KEYWORDS:**

Immunosenescence	Cardiovascular disease
Aging	Pro-inflammatory cells
Melanoma	Allergy
NK cells	Anaphylaxis
NKT cells	Pollen
NK receptors	Hymenoptera
CMV	Food
Cytotoxic T lymphocytes (CTL)	Mite
exhaustion	Drugs
Regulatory T cells	Vaccines
Antisense oligonucleotides	Immunoregulation

» **HIGHLIGHTED PUBLICATIONS:**

1. Castro AV, Breynaert C, Alfaya T, Bilò MB, Fassio F, Karabacak DE, Martini M, Sahiner ÜM, Ruiz-León B, Spriggs K, Sturm G, Boni E. The Sting Challenge Test: An EAACI Position Paper on Hymenoptera Venom Allergy. ALLERGY. 2025. 3251-3259. DOI:10.1111/all.70096.
IF: 12 Q1 D1

2. Gay-Mimbrera J, Gómez-Arias PJ, Alvarez-Heredia P, Batista-Duharte A, Rivera-Ruiz I, Aguilar-Luque M, Juan-Cencerrado M, Mochón-Jiménez C, Cebrián-García A, Andújar-Pulido E, Pérez-Alegre M, Pera A, Ruano J. Integrated single-cell chromatin and transcriptomic analyses of peripheral immune cells in patients with alopecia areata. FRONTIERS IN IMMUNOLOGY. 2025. DOI:10.3389/fimmu.2025.1565241.
IF: 5,9 Q1 D2

3. Alvarez P, Navas A, Martí-Antonio M, Bernardo R, Trujillo-Aguilera A, Costa A, Carrero-Chiquillo L, Vaquero JM, de la Fuente C, Molina J, Jurado A. Algorithms for appropriate patient stratification in the face of a new SARS-CoV-2 pandemic. IMMUNITY & AGEING. 2025. DOI:10.1186/s12979-025-00532-w.
IF: 5,6 Q1 D2

4. Carreira-Santos S, González-Sánchez M, López-Sejas N, Hassouneh F, González-Fernández L, Jorge I, Durán E, Pera A, Vázquez J, Solana R, Tarazona R, Casado JG. Phenotypic, proteomic, and functional analyses of cytokine-induced memory-like NK cells show two distinct subsets based on CD16 expression. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-20947-1.
IF: 3,9 Q1 D2

5. Aguado R, Irure-Ventura J, Vargas ML, Roy G, Barrios Y, Martínez-Martínez L, Rodríguez B, Montes-Cano MA, López-Hoyos M, Jurado A. Laboratory and Clinical Practices in the Study of Coeliac Disease in Children and Adults: Recommendations from a Spanish Multicentre Survey. NUTRIENTS. 2025. DOI:10.3390/nu17122032.
IF: 5 Q1 D2

» **ACTIVITY:**

- N° ONGOING PROJECTS: 2
- N° GRANTED PROJECTS IN 2025: 2
- N° CLINICAL TRIALS: 3

» **ADDITIONAL INFORMATION:**

- NETWORKS:
 1. REIPI - Spanish Network for Research in Infectious Diseases (Collaborator)
 2. REI (Inflammatory Diseases Network) RD24/0007/0018
 3. PAIDI CTS-208 Molecular Immunology
 4. CA23119 - SENESENCE2030: Targeting Cell Senescence to Prevent Age-Related Diseases (SENESENCE2030). Spain Managing Member (Alejandra Pera)
 5. CA17103 - Delivery of Antisense RNA Therapeutics (DARTER). COST (European Cooperation in Science and Technology) Action Network (Collaborator)
 6. ARADyAL - Asthma, Adverse Drug Reactions and Allergy Network
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. CONTRATOS INVESTIGA C 2024 - SERVICIO ANDALUZ DE SALUD. PAULA ALVAREZ ROMERO
 2. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2024 - INSTITUTO DE SALUD CARLOS III. NADINE BLANCO TOLEDANO
 3. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS MIGUEL SERVET 2022 - INSTITUTO DE SALUD CARLOS III. ALEXANDER BATISTA DUHARTE
 4. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. MONICA ESPINAR GARCIA
 5. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. LIDIA CASTRO LIÑAN
 6. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ISABEL MARIA VALLEJO BERMUDEZ
 7. SAS_ACCIÓN A- (SERVICIO ANDALUZ DE SALUD)- AURORA JURADO ROGER
 8. SAS_ACCIÓN A- (SERVICIO ANDALUZ DE SALUD)- BERTA RUIZ LEÓN
 9. SAS_ACCIÓN B (SERVICIO ANDALUZ DE SALUD)- ANA NAVAS ROMO
- 3 AGREEMENTS WITH COMPANIES

GC02:
LIVER AND DIGESTIVE DISEASES

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
De La Mata	García	Manuel	R4
Rodríguez	Perálvarez	Manuel Luis	R4
Barrera	Baena	Pilar	R3
Costán	Rodero	Guadalupe	R3
Ferrín	Sánchez	Gustavo	R3
Montero	Álvarez	Jose Luis	R3
Peinado	Peinado	José	R3
Poyato	González	Antonio	R3
Amado	Torres	Víctor	R2
Gros	Alcalde	Beatriz	R2
Guerrero	Misas	Marta	R2
Linares	Luna	Clara Isabel	R2
Medina	Medina	Rosario	R2
Vida	Pérez	Luis	R2
Benítez	Cantero	José Manuel	R1
Fernández	González	Rocío	R1
Iglesias	Flores	Eva	R1
Zamora	Olaya	Javier Manuel	R1
Gómez	Núñez	Mª Isabel	T
Mira	Nuñez	Pedro José	T
Ruiz	Rama	Álvaro	T

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Liver transplantation	Cholestasis
Hepatocellular carcinoma	Liquid biopsy
Crohn’s disease	Redox regulation
Ulcerative colitis	Immunotherapy

» HIGHLIGHTED PUBLICATIONS:

1. Gómez-Orellana AM, Rodríguez-Perálvarez ML, Guijo-Rubio D, Gutiérrez PA, Majumdar A, McCaughan GW, Taylor R, Tsochatzis EA, Hervás-Martínez C. Gender-Equity Model for Liver Allocation Using Artificial Intelligence (GEMA-AI) for Waiting List Liver Transplant Prioritization. CLINICAL GASTROENTEROLOGY AND HEPATOLOGY. 2025. 2187-2196. DOI:10.1016/j.cgh.2024.12.010. IF: 12,2 Q1 D1

2. Gros B, Peraza J, Bassi M, Sleiman J, Abdelhalim S, Park E, Wong SY, Agrawal M, Grinspan LT, Charabaty A. Disparities in Gender and Race Representation Among Authors of Inflammatory Bowel Disease Clinical Trials. JOURNAL OF CROHNS & COLITIS. 2025. DOI:10.1093/ecco-jcc/jjae184. IF: 8,7 Q1 D1

3. Gros B, Constantine-Cooke N, Kennedy J, Elford AT, O'Hare C, Noble C, Jones GR, Arnott ID, Lees CW, Plevris N. Tofacitinib Versus Vedolizumab Among Bio-naive Patients With Ulcerative Colitis: A Real-World Propensity-Weighted Comparison. JOURNAL OF CROHNS & COLITIS. 2025. DOI:10.1093/ecco-jcc/jjae188. IF: 8,7 Q1 D1

4. Hermán-Sánchez N, del Río-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. MOLECULAR CANCER. 2025. DOI:10.1186/s12943-024-02206-5. IF: 33,9 Q1 D1

5. Sánchez-Torrijos Y, Fernández-Alvarez P, Rosales JM, Pérez-Estrada C, Alañón-Martínez P, Rodríguez-Perálvarez M, Jimeno C, Del Pino P, Garcia-Garcia A, López-Garrido A, Garcia-Cortés M, Romero G, Romero-Gómez M, Casado M, Carmona I, Ampuero J. Prognostic implications of recompensation of decompensated cirrhosis after SVR in patients with hepatitis C. JOURNAL OF HEPATOLOGY. 2025. 652-661. DOI:10.1016/j.jhep.2025.02.041; 10.1016/j.jhep.2025.02.041. IF: 33 Q1 D1

» ACTIVITY:

- N° ONGOING PROJECTS: 2
- N° GRANTED PROJECTS IN 2025: 2
- N° CLINICAL TRIALS: 27
- N° PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 - 1. CIBER de enfermedades hepáticas y digestivas (CIBERehd)
 - 2. Grupo Español de Trabajo de Enfermedad de Crohn y Colitis Ulcerosa (GETECCU)
 - 3. PAIDI CTS-273
 - 4. PAIDI BIO-216
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 - 1. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2023 - INSTITUTO DE SALUD CARLOS III. BEATRIZ GROS ALCALDE
 - 2. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2023 (CON SS) - INSTITUTO DE SALUD CARLOS III. RAFAEL AYLLON GAVILAN
 - 3. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS 2023 - INSTITUTO DE SALUD CARLOS III. MANUEL LUIS RODRIGUEZ PERALVAREZ
 - 4. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ALVARO RUIZ RAMAS
 - 5. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. PEDRO JOSE MIRA NUNEZ
 - 6. PLAN PROPIO 2024 MOD.2 I - OPEN ACCESS - MANUEL RODRIGUEZ PERALVAREZ - FIBICO. FUNDACION PARA LA INVESTIGACIÓN BIOMÉDICA DE CÓRDOBA. MANUEL LUIS RODRIGUEZ PERALVAREZ
- 8 AGREEMENTS WITH COMPANIES

SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
De la Torre	Cisneros	Julián Carlos	R4
Cantisán	Bohórquez	Sara	R3
Castón	Osorio	Juan José	R3
Pérez	Nadales	Elena	R3
Ruiz	Sáez	Beatriz	R3
Cano	Yuste	Ángela	R2
Doblas	Delgado	Antonio	R2
López-Viñau	López	Teresa	R2
Machuca	Sánchez	Isabel	R2
Marín	Sanz	Miriam	R2
Nácher	Vázquez	Montserrat	R2
Natera	Kindelan	Clara	R2
Páez	Vega	Aurora	R2
Ruiz	Arabi	Elisa	R2
Vidal	Verdú	Elisa	R2
Baumela		Andrés	R1
Carmona	Moyano	Isabel	R1
De La Torre	Giménez	Álvaro	R1
Fernández	Moreno	Raquel	R1
Gálvez	Soto	Víctor	R1
Geremia		Nicholas	R1
Marín	Sanz	Juan Antonio	R1
Méndez	Natera	Alejandra	R1
Puyana	Gago	Manuel	R1
Puyana	Rodríguez	Jose Manuel	R1
Recio	Rufián	Manuel	R1
Pozo	López	Lorena	N
Ruiz	Sánchez de Puerta	Lourdes	N
Cantueso	Méndez	Inmaculada	ADM
Del Hoyo	Navarro	Antonio Jesús	ADM
Cosano	Pérez	Patricia	T
De la Torre	Giménez	Julián	T
García	Urbano	Alba	T
Molina	Gutiérrez	Cristina	T

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Cytomegalovirus	Transplantation
Multidrug-resistant microorganisms	Specific immune response
Immunopathology	

» HIGHLIGHTED PUBLICATIONS:

- Paez-Vega A, Vaquero-Barrios JM, Ruiz-Arabi E, Iturbe-Fernandez D, Alonso R, Ussetti-Gil P, Monforte V, Pastor A, Fernandez-Moreno R, Mora VM, Erro-Iribarren M, Quezada CA, Berastegui C, Cifrian-Martinez JM, Cano A, Caston JJ, Machuca I, Lobo-Acosta MA, Gutierrez-Gutierrez B, Cantisan S, Torre-Cisneros J. Safety and efficacy of immunoguided prophylaxis for cytomegalovirus disease in low-risk lung transplant recipients in Spain: a multicentre, open-label, randomised, phase 3 noninferiority trial. LANCET REGIONAL HEALTH-EUROPE. 2025. DOI:10.1016/j.lanepe.2025.101268.
IF: 13 Q1 D1
- Machuca I, Dominguez A, Amaya R, Arjona C, Gracia-Ahufinger I, Carralon M, Giron R, Gea I, De Benito N, Martin A, Galan F, Martinez JA, Iglesias R, Revuelto J, Caston JJ, Cano A, Ruiz-Arabi E, Martínez-Martínez L, Torre-Cisneros J. Real-World Experience of Imipenem-Relebactam Treatment as Salvage Therapy in Difficult-to-Treat Pseudomonas aeruginosa Infections (IMRECOR Study). INFECTIOUS DISEASES AND THERAPY. 2025. 283-292. DOI:10.1007/s40121-024-01077-z.
IF: 5,3 Q1 D2
- Recio-Rufian M, López-Viñau T, Gálvez-Soto V, Cano A, Ruiz-Montero R, Gutiérrez-Gutiérrez B, Gracia-Ahufinger I, Peñalva G, Marín-Sanz JA, Marín-Sanz M, Segorbe D, Pineda-Capitán JJ, Muñoz-Rosa M, Riazzo C, Giovagnorio F, Ruiz-Arabi E, Torres-Peña JD, Castón JJ, Machuca I, Salcedo-Leal I, Martínez-Martínez L, Pérez-Nadales E, Torre-Cisneros J. Incidence, clinical and genomic trends of hospital- and Non-hospital-onset KPC-producing Klebsiella pneumoniae infections before and during the COVID-19 era: a ten-year interrupted time series study. ANTIMICROBIAL RESISTANCE AND INFECTION CONTROL. 2025. DOI:10.1186/s13756-025-01614-6.
IF: 4,4 Q1 D2
- Carmeli Y, Cisneros JM, Paul M, Daikos GL, Wang MG, Torre-Cisneros J, Singer G, Titov I, Gumenchuk I, Zhao YJ, Jiménez-Rodríguez RM, Liang L, Chen G, Pytiuk O, Aksoy F, Rogers H, Wible M, Arhin FF, Luckey A, Leaney JL, Pypstra R, Chow JW, COMBACTE-CARE Consortium REVISIT Study Grp. Aztreonam-avibactam versus meropenem for the treatment of serious infections caused by Gram-negative bacteria (REVISIT): a descriptive, multinational, open-label, phase 3, randomised trial. LANCET INFECTIOUS DISEASES. 2025. 218-230. DOI:10.1016/S1473-3099(24)00499-7.
IF: 31 Q1 D1
- Gutiérrez-Gutiérrez B, Gallego-Mesa B, Kaasch AJ, Riediger M, Rieg S, Trigo M, Salto-Alexandre S, Anguita-Santos F, Cano A, Prolo-Acosta A, López-Cárdenas S, Pérez-Rodríguez MT, Martínez-Marcos FJ, Merino-Lucas E, Anaya-Baz B, Arizcorreta A, Plata-Cézar A, Piscaglia M, Aceituno A, Romero-Calderon L, Hornuss D, Alemán-Rodríguez A, Gimeno-Gascón A, Recacha E, Torre-Cisneros J, Merchante N, Pascual A, López-Cortés LE, Rodríguez-Bano J. Identification and validation of clinical phenotypes in Staphylococcus aureus bloodstream infection and their association with mortality (FEN-AUREUS study). ECLINICALMEDICINE. 2025. DOI:10.1016/j.eclinm.2025.103240.
IF: 10 Q1 D1

» CLINICAL GUIDES:

- Retamar-Gentil P, Alegre-Albendea M, De Santis LV, Caston-Osorio JJ, Márquez-Gomez I, Corzo-Delgado JE, Praena-Segovia J, Herrero-Rodríguez C, Esteban-Moreno MA, Martín-Aspas A, Jiménez-Aguilar P, Martínez-Marcos FJ, Lopez-Cárdenas S, Ojeda-Burgos G, Sadyrbaeva-Dolgova S, Anguita-Santos F, Baño JR, Palacios-Baena ZR. How to use novel antimicrobials beyond official indications: an expert consensus. JAC-ANTIMICROBIAL RESISTANCE. 6. DOI: 10.1093/jacamr/dlaf184

» ACTIVITY:

- N° ONGOING PROJECTS: 7
- N° GRANTED PROJECTS IN 2025: 1
- N° CLINICAL TRIALS: 12
- N° PHD THESES: 2

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. COMBACTE-NET (combatting bacterial resistance in Europe – networks)
 2. COMBACTE-CARE (combatting bacterial resistance in Europe – carbapenem-resistance),
 3. INCREMENT-SOT, an international consortium for the clinical study of blood stream infections caused by multi-drug resistant Enterobacterales in solid organ transplantation (SOT). We promote and coordinate this international network, which includes 40 centers specialised in SOT from 16 countries worldwide.
 4. PROACTIVE group
 5. PAIDI CTS-647
 6. Spanish Network for Research in Infectious Diseases (REIPI)
 7. RECOVER (Rapid European COVID-19 Emergency Response research)
 8. ANCRAID (Andalusian Network for Clinical Research in Infectious Diseases)
 9. CIBER INFEC - ENFERMEDADES INFECCIOSAS
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2024 - INSTITUTO DE SALUD CARLOS III. MIRIAM MARIN SANZ
 2. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2023 - INSTITUTO DE SALUD CARLOS III. ELISA RUIZ ARABI
 3. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2022 - INSTITUTO DE SALUD CARLOS III. VICTOR GALVEZ SOTO
 4. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS 2024 - INSTITUTO DE SALUD CARLOS III. ISABEL MACHUCA SANCHEZ
 5. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. CRISTINA MOLINA GUTIERREZ
 6. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ALEJANDRA MENDEZ NATERA
 7. ACCIÓN ESTRATÉGICA EN SALUD - MOVILIDAD DE PERSONAL INVESTIGADOR CONTRATADO EN EL MARCO DE LA AES (M-AES) 2024 - INSTITUTO DE SALUD CARLOS III. VICTOR GALVEZ SOTO
 8. ACCIÓN ESTRATÉGICA EN SALUD - MOVILIDAD DE PERSONAL INVESTIGADOR CONTRATADO EN EL MARCO DE LA AES (M-AES) 2024 - INSTITUTO DE SALUD CARLOS III. ELISA RUIZ ARABI
 9. CONVOCATORIA DE INCORPORACIÓN DE INVESTIGADORES POSDOCTORALES A GRUPOS DE LOS CENTROS SANITARIOS Y DE INVESTIGACIÓN DEL SSPA 2024 - CONSEJERÍA DE SANIDAD, PRESIDENCIA Y EMERGENCIAS. ÁNGELA CANO YUSTE
- 19 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS
 1. JULIAN CARLOS TORRE CISNEROS. ECRAID-Base - A pan-European network against infectious diseases. Funding Agency: COMISIÓN EUROPEA. Reference: SC1-BHC-35-2020-01
 2. JULIAN CARLOS TORRE CISNEROS. LETERCOR - Prospective study to evaluate efficacy of 12 to 18 months immunoguided prophylaxis with letermovir for prevention of CMV infection in lung transplant patients and comparison with a retrospective cohort treated with standard 12 months valganciclovir prophylaxis. Funding Agency: MERCK SHARP & DOHME CORP. Reference: MSD-MISP-2021-01
 3. ISABEL MACHUCA SANCHEZ. IMRECOR - Clinical success and tolerability of treatment with Imipenem-relebactam and best available therapy in patients with infections caused by carbapenem-resistant Pseudomonas aeruginosa strains. Funding Agency: MERCK SHARP & DOHME CORP. Reference: MSD-MISP-2022-01
 4. JUAN JOSÉ CASTON OSORIO. INMUNOEND - IMPACT OF CMV-SPECIFIC IMMUNE RECONSTITUTION AT THE END OF LETERMOVIR PROPHYLAXIS ON THE DEVELOPMENT OF LATE CYTOMEGALOVIRUS INFECTION IN HEMATOPOIETIC STEM CELL TRANSPLANT PATIENTS. Funding Agency: QIAGEN GMBH. Reference: Qiagen-IIS-2024-01

GC04:
INFLAMMATION AND CANCER

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Calzado	Canale	Marco Antonio	R4	0000-0002-5338-535X
Muñoz	Blanco	Eduardo	R4	0000-0001-8478-5842
García	Martín	Adela	R3	
Mejías	Pérez	Ernesto	R3	
Fernández	Álvarez	Silvia	R2	
Aguilera	Ventura	Irene	R1	
Lastres	Cubillo	Isabel	R1	
Llamas	Jiménez	Gloria	R1	
Ponce	Díaz	Francisco José	R1	
Serrano	Yubero	Alejandra	R1	
Suanes	Cobos	Lucía	R1	
Torres	Ramos	Miguel	R1	
Alba	Cantalapiedra	Paloma	T	
Gutiérrez	Córdoba	Desirée	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Endocannabinoid System	Inflammation
Angiogenesis	Cancer
Peripheral Arterial Diseases	Hypoxia
Immunopharmacology	Cell signaling
3D Bioprinting model	Kinases
Inmunopharmacology	Oncolytic Viruses

» HIGHLIGHTED PUBLICATIONS:

1. Suanes-Cobos L, Aguilera-Ventura I, Torres-Ramos M, Serrano-Yubero A, Moreno Fernández-Aliseda C, Fernández S, Garrido-Rodríguez M, de la Luna S, Prieto-García C, Diefenbacher ME, Mejías-Pérez E, Calzado MA. A Novel Feedback Loop Between DYRK2 and USP28 Regulates Cancer Homeostasis and DNA Damage Signaling. Cell Death Differentiation. 2025. Aug 26. DOI: 10.1038/s41418-025-01565-w
IF:15,4 Q1 D1

2. Ponce-Díaz FJ, Ruiz-Pino F, Garrido-Rodríguez M, Prados-González ME, Uceda-Rodríguez E, Cerero-Tejero L, Guerrero-Ruiz Y, Sanchez-Garrido MA, Muñoz E, Tena-Sempere M. Cannabidiol improves metabolic profiles and alleviates liver inflammation and fibrosis in conditions of androgenic obesity and polycystic ovary syndrome. DIABETES OBESITY & METABOLISM. 2025. 6027-6031. DOI:10.1111/dom.16602.
IF: 5,7 Q1 D2

3. Rodríguez-Carreiro S, Gómez-Cañas M, Lubrini F, Gonzalo-Consuegra C, Winkler M, Caprioglio D, Appendino G, García C, Morales P, Jagerovic N, Fischerd JT, Fiebich BL, Goetz MR, Muñoz E, Fernández-Ruiz J. Investigation in the CB1 and CB2 receptor binding profile and intrinsic activity of (-) and (+)-enantiomers of some naturally occurring phytocannabinoids or synthetic derivatives. EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY REPORTS. 2025. DOI:10.1016/j.ejmcr.2025.100262.
IF: 4,1 Q2

4. Millán-Jiménez M, Díaz ES, Mora-Castaño G, Anjani QK, García-Martín A, Caraballo I, Larrañeta E, Domínguez-Robles J. Evaluating the potential of ultrasound-assisted compression for crafting implantable drug delivery systems. JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY. 2025. DOI:10.1016/j.jddst.2025.107056.
IF: 4,9 Q1 D2

5. Alessandro LP, Lorena D, Riccardo N, Marika LM, Anastasia F, Alessia A, Margherita B, Ernesto MP, Oliver K, Vincenzo S, Luca GG, Albanese M, Raffaele D. A rapid and robust luciferase-based reporter system to assess SARS-CoV-2 protease activity. VIROLOGY. 2025. DOI:10.1016/j.virol.2025.110659.
IF: 2,4 Q3

» ACTIVITY:

- N° ONGOING PROJECTS: 7
- N° GRANTED PROJECTS IN 2025: 1
- N° PATENTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. PAIDI BIO-304
 2. Grupo Español de Hipoxia y RedHYPOX
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2020 - AGENCIA ESTATAL DE INVESTIGACIÓN. LUCIA SUANES COBOS
 2. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ISABEL LASTRES CUBILLO
 3. PROGRAMAINVESTIGO2022-1 - MINISTERIO DE TRABAJO YECONOMÍASOCIAL. PALOMAALBACANTALAPIEDRA
 4. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. IRENE AGUILERA VENTURA
 5. AYUDAS PREDOCTORALES AECC 2024 - ASOCIACIÓN ESPAÑOLA CONTRA EL CÁNCER. ALEJANDRA SERRANO YUBERO
 6. AYUDAS PARA LA FORMACIÓN DE PROFESORADO UNIVERSITARIO (FPU), MINISTERIO DE UNIVERSIDADES – MIGUEL TORRES RAMOS
- 9 AGREEMENTS WITH COMPANIES

GC05:
SYSTEMIC AND CHRONIC INFLAMMATORY AUTOIMMUNE DISEASES OF
THE LOCOMOTOR SYSTEM AND CONNECTIVE TISSUE

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
López	Pedrera	Rosario	R4	0000-0003-2067-4603
Barbarroja	Puerto	Nuria	R4	0000-0002-0962-6072
Collantes	Estévez	Eduardo	R4	0000-0002-7647-6289
Escudero	Contreras	Alejandro	R4	0000-0001-5891-5527
Aguirre	Zamorano	Mª Ángeles	R3	
Albuquerque	Sendín	Francisco	R3	
Font	Ugalde	Pilar	R3	
López	Medina	Clementina	R3	
Pérez	Sánchez	Carlos	R3	
Rodríguez	de Souza	Daiana Priscila	R3	
Aranda	Valera	Concepción	R2	
Arias	de la Rosa	Iván	R2	
Calvo	Gutiérrez	Jerusalem	R2	
Caracuel	Ruiz	Miguel Ángel	R2	
Cerdo	Raez	Tomás	R2	
Garrido	Castro	Juan Luis	R2	
Gómez	García	Ignacio	R2	
Granados		Raquel María Ena	R2	
Ladehesa	Pineda	Mª Lourdes	R2	
López	Montilla	Mª Dolores	R2	
Ortega	Castro	Rafaela	R2	
Pérez	Guijo	Verónica	R2	
Puche	Larrubia	Mª de los Ángeles	R2	
Rojas	Giménez	Marta	R2	
Ruiz	Vilchez	Desireé	R2	
Armenteros	Ortiz	Pedro José	R1	
Cuesta	López	Laura	R1	
Martín	Salazar	Jesús Eduardo	R1	
Muñoz	Barrera	Laura	R1	
Ruiz	Ponce	Miriam	R1	
Sánchez	Pareja	Ismael	R1	
Ábalos	Aguilera	Mª Carmen	T	
Barranco	Moyano	Antonio Manuel	T	
Cepas	Gutiérrez	Francisco José	T	
Corrales	Díaz-Flores	Sagrario	T	
Formanti	Alonso	Lydia	T	
Merlo	Ruiz	Christian	T	
Moreno	Caño	Elena	T	
Ortiz	Buitrago	Pedro	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Autoimmune diseases	Metabolic syndrome
Spondyloarthropathies	Organ damage
Inflammation	Biomarkers
Atherothrombosis	New therapies

» HIGHLIGHTED PUBLICATIONS:

1. Lopez-Pedrera C, Pérez-Sánchez C, Tektonidou MG. Towards precision medicine in antiphospholipid syndrome. LANCET RHEUMATOLOGY. 2025. e576-e589. DOI:10.1016/S2665-9913(25)00094-3.
IF: 16,4 Q1 D1

2. Miriam Ruiz-Ponce, Sergio Rodríguez-Cuenca, Jesús Eduardo Martín-Salazar, Carlos Perez-Sanchez, Julio M. Martinez-Moreno, Adrian Llamas-Urbano, Mark Campbell, Laura Romero-Zurita, Maria Dolores Lopez-Montilla, Laura Cuesta-López, Antonio Manuel Barranco, Pedro Ortiz-Buitrago, Chary Lopez-Pedrera, Alejandro Escudero-Contreras, Eduardo Collantes-Estevez, Clementina López-Medina, Antonio Vidal-Puig, Iván Arias-de la Rosa, Nuria Barbarroja. Apremilast Attenuates Hepatic Steatosis and Metabolic Dysfunction in a Murine Model of MASLD: Implications for Patients with Psoriatic Disease. Biomed Pharmacother. 2025 Dec;193:118757. DOI: 10.1016/j.biopha.2025.118757. Epub 2025 Nov 12.
IF: 7,5 Q1 D1

3. Perez-Sanchez C, Perez-Campoamor A, García-Delgado GD, Vellon-Garcia B, Llamas-Urbano A, Romero-Zurita L, Ortiz-Buitrago P, Merlo C, Cerdó T, Corrales S, Sanchez-Pareja I, Muñoz-Barrera L, Abalos-Aguilera MDC, Barbarroja N, Bolón-Canedo V, Ortega-Castro R, Calvo J, Ladehesa L, Aranda-Valera IC; PRECISESADS Clinical Consortium; Alarcon-Riquelme M, Aguirre MÁ, Escudero-Contreras A, Lopez-Pedrera C. Metabolomic and machine learning enhances patient diagnosis and stratification in systemic autoimmune diseases. Comput Biol Med. 2025 Dec;199:111325. doi: 10.1016/j.compbiomed.2025.111325. Epub 2025 Nov 24. PMID: 41289851.
IF: 6,3 Q1 D1

4. Dans-Caballero S, Ortega-Castro R, López-Pedrera C, Escudero-Contreras A, Vellón-García B, Pérez-Sánchez C, López-Medina C. Systemic sclerosis: bridging clinical and molecular insights: results from the PRECISESADS study. JOURNAL OF TRANSLATIONAL MEDICINE. 2025. DOI:10.1186/s12967-025-07469-0.
IF: 5,7 Q1 D2

5. Cuesta-López L, Arias-de la Rosa I, Martín-Salazar JE, Barranco AM, Ladehesa-Pineda L, Ruiz-Ponce M, Puche Larrubia MÁ, Pérez-Sánchez C, Seguí P, Ortega R, Calvo J, Ábalos-Aguilera MC, Ruiz-Vilchez D, Moreno-Caño E, Ortiz-Buitrago P, Lopez-Pedrera C, Escudero-Contreras A, Collantes E, López-Medina C, Barbarroja N. Molecular insights into the relationship between sustained CRP elevation and endothelial dysfunction in axial spondyloarthritis. RMD Open. 2025 Jul 5;11(3):e005746. DOI: 10.1136/rmdopen-2025-005746.
IF: 4,7 Q1 D2

» ACTIVITY:

- N° ONGOING PROJECTS: 15
- N° GRANTED PROJECTS IN 2025: 6
- N° CLINICAL TRIALS: 45
- N° PHD THESES: 1
- N° PATENTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. PAIDI CTS-1004
 2. APS ACTION. Anti-Phospholipid Syndrome Alliance For Clinical Trials and International Networking
 3. REDES DE INVESTIGACIÓN COOPERATIVA ORIENTADAS A RESULTADOS EN SALUD (RICORS; RD21/0002/0033 y RD24/0007/0019)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2021 - INSTITUTO DE SALUD CARLOS III. TOMAS CERDO RAEZ
 2. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2021 - INSTITUTO DE SALUD CARLOS III. MIRIAM RUIZ PONCE
 3. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2022 - INSTITUTO DE SALUD CARLOS III. LAURA MUNOZ BARRERA
 4. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2023 (CON SS) - INSTITUTO DE SALUD CARLOS III. JESUS EDUARDO MARTIN SALAZAR
 5. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS i-PFIS: DOCTORADOS IIS-EMPRESA EN CIENCIAS Y TECNOLOGÍAS DE LA SALUD 2024 (CON SS) - INSTITUTO DE SALUD CARLOS III. LAURA ROMERO ZURITA
 6. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ELENA MARIA MORENO CANO
 7. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ANTONIO MANUEL BARRANCO MOYANO
 8. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. SAGRARIO CORRALES DIAZ-FLORES
 9. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. CRISTINA MARIA LOPEZ VAZQUEZ
 10. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS JUAN RODÉS 2024 - INSTITUTO DE SALUD CARLOS III. Mª LOURDES LADEHESA PINEDA
 11. PROGRAMA DE FORMACIÓN E INVESTIGACIÓN MARÍA CASTELLANO ARROYO - UCO 2024 - SERVICIO ANDALUZ DE SALUD. Mª DE LOS ÁNGELES PUCHE LARRUBIA
 12. PAIDI 2020 – AYUDAS A LA CONTRATACIÓN DE PERSONAL INVESTIGADOR DOCTOR POR PARTE DE LOS AGENTES DEL SISTEMA ANDALUZ DEL CONOCIMIENTO 2021 - CONSEJERÍA DE UNIVERSIDAD, INVESTIGACIÓN E INNOVACIÓN. IVAN ARIAS DE LA ROSA
 13. ACCIÓN A. REFUERZO ANUAL DE LA ACTIVIDAD INVESTIGADORA EN LAS UNIDADES CLÍNICAS DEL SERVICIO ANDALUZ DE SALUD 2023. ALEJANDRO ESCUDERO CONTRERAS. CONSEJERÍA DE SALUD Y CONSUMO. JUNTA DE ANDALUCÍA
 14. RENOVACIÓN ACCIÓN C (PROGRAMA NICOLÁS MONARDES) DE LA CONVOCATORIA 2012 - SERVICIO ANDALUZ DE SALUD. ROSARIO LOPEZ PEDRERA
 15. RENOVACIÓN ACCIÓN C (PROGRAMA NICOLÁS MONARDES) 2025 - FASE 1 - SERVICIO ANDALUZ DE SALUD. ROSARIO LOPEZ PEDRERA
 16. CONVOCATORIA DE INCORPORACIÓN DE INVESTIGADORES POSDOCTORALES A GRUPOS DE LOS CENTROS SANITARIOS Y DE INVESTIGACIÓN DEL SSPA 2024 - CONSEJERÍA DE SANIDAD, PRESIDENCIA Y EMERGENCIAS. IGNACIO GOMEZ GARCIA
- 26 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS
 1. ALEJANDRO ESCUDERO CONTRERAS. MDR-RA - Defining Clinical and Molecular Phenotypes of Multi-Drug Resistance in difficult to treat Rheumatoid Arthritis. Funding Agency: COMISIÓN EUROPEA. Reference: DISEASE-03-14-2023-01
 2. EDUARDO COLLANTES ESTEVEZ. 3TR - Identification of the Molecular Mechanisms of non-response to Treatments, Relapses and Remission in Autoimmune, Inflammatory, and Allergic Conditions. Funding Agency: COMISIÓN EUROPEA. Reference: IMI2-2018-14-01-F2
 3. ROSARIO LOPEZ PEDRERA. Characterization of baricitinib effects on the pro-thrombotic and cardiovascular risk profile of rheumatoid arthritis patients. Funding Agency: ELI LILLY AND COMPANY. Reference: Lilly-IIR-2020-001
 4. ROSARIO LOPEZ PEDRERA. CHARACTERIZATION OF BARICITINIB EFFECTS ON THE PRO-THROMBOTIC AND CARDIOVASCULAR RISK PROFILE OF RHEUMATOID ARTHRITIS PATIENTS. Funding Agency: ELI LILLY AND COMPANY. Reference: Lilly-IIR-2025-01
 5. CLEMENTINA LOPEZ MEDINA. PRO-SEC - A deep dive in cardiovascular and cardiometabolic PROteomics in psoriasis, psoriatic arthritis, and axial spondylarthritis in patients treated with SECukinumab. Funding Agency: NOVARTIS PHARMA, AG. Reference: Novartis-IIR-2025-01
- AWARDS:
 1. MIRIAM RUIZ PONCE. EULAR ABSTRACT AWARD - MIRIAM RUIZ PONCE. Funding Agency: EUROPEAN ALLIANCE OF ASSOCIATIONS FOR RHEUMATOLOGY

GC06:
NEW THERAPIES IN CANCER

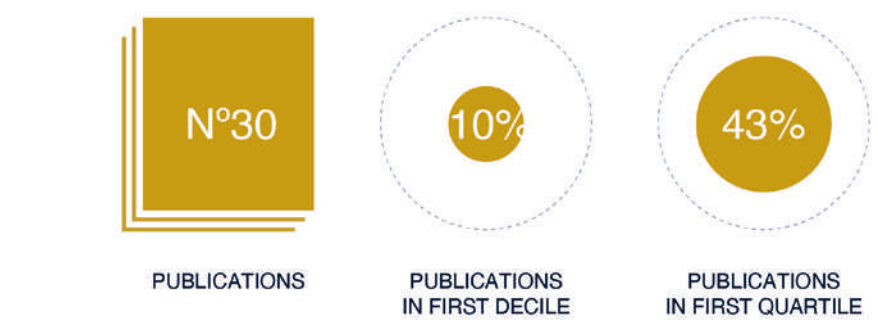
SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Aranda	Aguilar	Enrique	R4	0000-0002-5471-2842
De La Haba	Rodríguez	Juan Rafael	R4	0000-0001-5111-1702
Rodríguez	Ariza	Antonio	R4	0000-0001-5304-5745
García	Ortiz	Mª Victoria	R3	
Gómez	España	Mª Auxiliadora	R3	
Guil	Luna	Silvia	R3	
Barneto	Aranda	Isidoro C	R2	
Mantrana	Soldado	Ana	R2	
Márquez	Medina	Diego	R2	
Martínez	Peinado	Antonio	R2	
Méndez	Vidal	Mª José	R2	
Morales	Estévez	Cristina	R2	
Navarrete	Sirvent	Carmen	R2	
Ortiz	Morales	Mª José	R2	
Serrano	Blanch	Raquel	R2	
Villar	Pastor	Carlos	R2	
Cano	Osuna	Mª Teresa	R1	
Cano	Ramírez	Pablo Francisco	R1	
Peña	Enríquez	Regina	R1	
Porras	Quintela	Ignacio	R1	
Rivas	Crespo	Aurora	R1	
Rodríguez	Alonso	Beatriz	R1	
Rodríguez	Alonso	Rosa María	R1	
Salguero	Segura	Joseba	R1	
Sánchez	Mauriño	Pedro	R1	
Sánchez	Montero	Mª Teresa	R1	
Checa	Expósito	Marta	N	
Díez	Ruano	Mª Dolores	N	
Jiménez	Ríos	Carmen María	N	
Martín	Fernández	Juan Mª	N	
Puentes	Aguado	Miguel	N	
Rubio	Plata	Imanol	N	
Aranda	Aguilar	Asunción	ADM	
Vázquez	Ibáñez	Mª Pilar	ADM	
Arenas	Criado	Sofía	T	
Avila	Oca	Virginia	T	
Bernal	García	Gonzalo	T	
Camacho	Cecilia	Marta	T	
Campón	Montilla	Daniel José	T	
Cañadilla	Pérez	Inmaculada	T	
Cuesta	Venteo	Remedios	T	
Díaz	Chacón	Alejandra	T	

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Díaz	Díaz	Mª Ángeles	T	
Fernández	Casas	Irene	T	
Gálvez	Membrives	Inmaculada	T	
Herrera	Casanova	Nerea María	T	
Kindelan	Segador	Lara	T	
Leña	Barranco	Amalia	T	
Marín	Serrano	Jacinta	T	
Marín	Serrano	Mª José	T	
Marquez	Gomez-Lama	Mª Nieves	T	
Montero	Gómez	Marina	T	
Moral	Garófano	Virginia	T	
Nevado	De la Cruz	Laura	T	
Parrado	González	Helena	T	
Pavón	Gómez	Rebeca	T	
Rivero	Talavera	Miriam	T	
Rodríguez	de Julián	Carlos	T	
Rodríguez	DeJulian	Sonia	T	
Sánchez	Nieves	Rubén	T	
Sánchez	Ostos	Manuel	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Colorectal cancer	Cancer Immunotherapy
Breast cancer	Prediction of response
Nitric oxide	Liquid biopsy
Proteomics	Targeted therapy
Biomarkers	Precision oncology

» HIGHLIGHTED PUBLICATIONS:

- Martin-Liberal J, Márquez-Rodas I, Cerezuela-Fuentes P, Soria A, Garicano F, Medina J, Galindo RG, Oramas J, Manzano JL, Delgado M, Valdivia J, Sanchez P. Challenges and perspectives in the management of BRAF-mutated metastatic melanoma: Systemic treatment sequencing and brain metastases. CANCER TREATMENT REVIEWS. 2025. DOI:10.1016/j.ctrv.2025.102886.
IF: 10,5 Q1 D1
- Peña-Enríquez R, Bermejo B, Pollán M, Díaz-Chacón A, Gilarranz YJ, Lorenzo JJP, Aramburo AF, de Ibargüen BCS, Bertrán AS, Galve-Calvo E, Jiménez-Arranz A, Fernández Y, Pérez ME, de la Cruz S, Anton-Torres A, Moreno F, Vidal-Losada MJ, López-Ceballos MH, Blancas I, Echarri MJ, Rincón R, Caballero R, Guerrero-Zotano A, Guil-Luna S, de la Haba-Rodríguez J. Molecular characterization of pregnancy-associated breast cancer and insights on timing from GEICAM-EMBARCAM study. NPJ BREAST CANCER. 2025. DOI:10.1038/s41523-025-00718-x.
IF: 7,6 Q1 D2
- Navarrete-Sirvent C, Mantrana A, Rivas-Crespo A, Díaz-Chacón A, Herrera-Casanova NM, Sánchez-Montero MT, Toledano-Fonseca M, Garcia-Ortiz MV, Ortiz-Morales MJ, Pulido G, Cano MT, Gómez-España A, González-Fernández R, Bourhis LL, Guil-Luna S, Rodriguez-Ariza A, Aranda E. Imbalanced NK cell subpopulations and TIGIT expression limit

cetuximab efficacy in colorectal cancer: A promising target for treatment enhancement. CLINICAL AND TRANSLATIONAL MEDICINE. 2025. DOI:10.1002/ctm2.70351.
IF: 6,8 Q1 D2

4. Secord AA, Lewin SN, Murphy CG, Cecere SC, Barquín A, Gálvez-Montosa F, Mathews CA, Konecny GE, Ray-Coquard I, Oakni A, Pérez MJR, Bonaventura A, Diver EJ, Ayuk SM, Wang Y, Corr BR, Salutari V. The efficacy and safety of mirvetuximab soravtansine in FRα-positive, third- line and later, recurrent platinum-sensitive ovarian cancer: the single-arm phase II PICCOLO trial. ANNALS OF ONCOLOGY. 2025. 321-330. DOI:10.1016/j.annonc.2024.11.011.
IF: 65,4 Q1 D1

5. Rojo F, Taylor CR, Barrios C, Torrecillas L, Ruiz-Borrego M, Perez-Buira S, Bines J, Guerrero-Zotano A, Garcia-Saenz JA, Torres R, de la Haba-rodriguez J, Ayala F, Gomez H, Llombart A, de la Borbolla MR, Baena-Cañada JM, Barnadas A, Calvo L, Herranz J, Rincon R, Caballero R, Bermejo B, Ray PS, Martin M. FOXC1 Expression Predicts Capecitabine Efficacy in Patients with Triple-Negative Breast Cancer from the GEICAM_CIBOMA Trial. CLINICAL CANCER RESEARCH. 2025. 3715-3724. DOI:10.1158/1078-0432.CCR-25-0338.
IF: 10,2 Q1 D1

» **CLINICAL GUIDES:**

1. Montes AF, Alonso V, Aguilar EA, Elez E, Alfonso PG, Castro CG, Maurel J, García RV, Tocino RV, Urtasun JA. 2025 Updated version v1.0 SEOM-GEMCAD-TTD clinical guidelines for the systemic treatment of metastatic colorectal cancer (2022). CLINICAL & TRANSLATIONAL ONCOLOGY. 4. 1845-1850. DOI: 10.1007/s12094-025-03860-x

2. Macarulla T, Adeva J, Osuna MTC, Casado AR, Gordo AMJ, Lamarca A, Muñoz AML, Cid RAP, Sauri T, Plazas JG. SEOM-GEMCAD-TTD clinical guidelines for biliary tract cancer (2025). CLINICAL & TRANSLATIONAL ONCOLOGY. 8. 3293-3306. DOI: 10.1007/s12094-025-03916-y

» **ACTIVITY:**

- N° ONGOING PROJECTS: 7
- N° GRANTED PROJECTS IN 2025: 4
- N° CLINICAL TRIALS: 132
- N° PHD THESES: 1
- N° PATENTS: 2

» **ADDITIONAL INFORMATION:**

- NETWORKS:
 1. CIBER (CIBERONC: Breast cancer and colorectal tumours)
 2. PAIDI CTS-234
 3. Alianza Andalucía-Roche, Precision Medical Oncology
 4. GEICAM: Spanish Breast Cancer Research Group
 5. TTD: Digestive Tumour Treatment Group
 6. GEICO: Spanish Research Group on Ovarian Cancer
 7. GECP: Spanish Lung Cancer Group
 8. GEIS: Spanish Sarcoma Research Group
 9. SOGUG: Spanish Oncology Genito Urinary Group
 10. GETNE: Spanish Group of Neuroendocrine and Endocrine Tumours
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. INTENSIFICACIÓN SAS – ENRIQUE ARANDA AGUILAR
 2. ACCIÓN C. IMPULSO DE LA INVESTIGACIÓN TRASLACIONAL DE LAS UC (PROGRAMA NICOLÁS MONARDES) 2024 - SERVICIO ANDALUZ DE SALUD. MARIA VICTORIA GARCIA ORTIZ
 3. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2021 - INSTITUTO DE SALUD CARLOS III. CARMEN NAVARRETE SIRVENT
 4. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS 2024 - INSTITUTO DE SALUD CARLOS III. JUAN RAFAEL HABA RODRIGUEZ
 5. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ALEJANDRA DIAZ CHACON
 6. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. VIRGINIA AVILA OCA
 7. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. NEREA MARIA HERRERA CASANOVA
 8. DIPUTACION PROVINCIAL DE CÓRDOBA. JUAN RAFAEL HABA RODRIGUEZ
 9. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2020 - AGENCIA ESTATAL DE INVESTIGACIÓN. MARIA TERESA SANCHEZ MONTERO
 10. RENOVACIÓN ACCIÓN C (PROGRAMA NICOLÁS MONARDES) DE LA CONVOCATORIA 2012 - SERVICIO ANDALUZ DE SALUD. ANTONIO RODRIGUEZ ARIZA
- 13 AGREEMENTS WITH COMPANIES

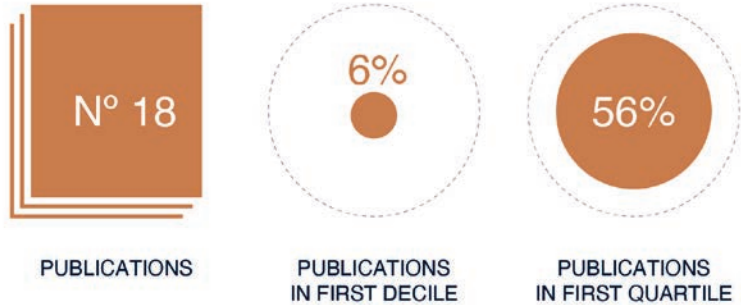
GC07:
NEPHROLOGY. CELL DAMAGE IN CHRONIC INFLAMMATION

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» **TEAM**

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID	
Martín	Malo	Alejandro	R4	0000-0002-8010-7187
Agüera	Morales	Mª Luisa	R3	
Espinosa	Hernández	Mario	R3	
Guerrero	Pavón	Fátima	R3	
Navarro	Cabello	Mª Dolores	R3	
Rodríguez	Benot	Alberto	R3	
Rodríguez	Ortiz	Mª Encarnación	R3	
Santamaría	Olmo	Rafael	R3	
Soriano	Cabrera	Sagrario	R3	
Ariza	Fuentes	Francisco Javier	R2	
Carmona	Muñoz	Andrés	R2	
Crespo	Montero	Rodolfo	R2	
García	Montemayor	Victoria Eugenia	R2	
López	Andreu	María	R1	
López	López	Isabel	R1	
Moyano	Peregrín	Cayetana	R1	
Ojeda	López	Raquel	R1	
Rabasco	Ruiz	Cristina	R1	
Torres	De Rueda	José Álvaro	R1	
Valdés	Díaz	Karen Cecilia	R1	
Jiménez	Moral	Mª José	T	
Obrero	Sojo	Teresa	T	
Rojas	Vega	Francisco	T	
Vidal	Jiménez	Victoria	T	

» **SCIENTIFIC PRODUCTION**



» KEYWORDS:

Cell activation	Renal Transplantation
Chronic renal failure	Inflammation
Nanotechnology	Cellular stress
Cell therapy	Genomic damage
Hemodialysis	Endothelial dysfunction

» HIGHLIGHTED PUBLICATIONS:

1. Rodríguez-Ortiz ME, Díaz-Tocados JM, Torralbo AI, Valdés-Díaz K, Rivas-Domínguez A, Guerrero F, Reina-Alfonso I, Naves-Díaz M, Alonso-Montes C, Rodelo-Haad C, Rodríguez M, Muñoz-Castañeda JR. Impact of elevated sclerostin levels on bone resorption unravelling structural changes and mineral metabolism disruption. BONE & JOINT RESEARCH. 2025. 448-462. DOI:10.1302/2046-3758.145.BJR-2024-0227.R1.
IF: 5,1 Q1 D1
2. Guerrero F, Moscoso FG, Silvestre-Albero J, Martín-Malo A, Carrillo-Carrión C. Fluorinated Zirconium-Based Metal-Organic Frameworks as Novel Sorbents to Improve the Efficacy of Hemodialysis Treatment. SMALL SCIENCE. 2025. DOI:10.1002/smssc.202500054.
IF: 8,3 Q1 D2
3. Moyano-Peregrin C, Rodelo-Haad C, Martín-Malo A, Muñoz-Castañeda JR, Ojeda R, Lopez-Lopez I, Rodríguez M, de Mier MVPR, Santamaría R, Soriano S. Upper normal serum magnesium is associated with a reduction in incident death from fatal heart failure, coronary heart disease and stroke in non-dialysis patients with CKD stages 4 and 5. CLINICAL KIDNEY JOURNAL. 2025. DOI:10.1093/ckj/sfae390.
IF: 4,6 Q1 D2
4. Guerrero F, Carmona A, Jiménez MJ, Ariza F, Obrero T, Berdud I, Carrillo-Carrión C, Rodríguez M, Soriano S, Muñoz-Castañeda JR, Martín-Malo A. New biomarkers of inflammation associated with haemodialysis. CLINICAL KIDNEY JOURNAL. 2025. DOI:10.1093/ckj/sfaf223.
IF: 4,6 Q1 D2
5. Rodelo-Haad C, Rodríguez-Ortiz ME, Garcia-Sáez R, Rivas-Domínguez A, Jurado-Montoya D, Martín-Malo A, Rodríguez M, de Mier MVPR, Muñoz-Castañeda JR. The true cost of phosphate control in chronic kidney disease. CLINICAL KIDNEY JOURNAL. 2025. i46-i60. DOI:10.1093/ckj/sfae434.
IF: 4,6 Q1 D2

» CLINICAL GUIDES:

1. Montero N, Oliveras L, Martínez-Castelao A, Gorriz JL, Soler MJ, Fernández-Fernández B, Quero M, García-Carro C, García-Sancho P, Goicechea M, Martínez JJG, Molina P, Puchades MJ, Rodríguez-Espinosa D, Sablón N, Santamaría R, Navarro-González JF. Clinical Practice Guideline for detection and management of diabetic kidney disease: A consensus report by the Spanish Society of Nephrology. NEFROLOGIA. 1-26. DOI: 10.1016/j.nefro.2024.11.002

» ACTIVITY:

- N° ONGOING PROJECTS: 3
- N° GRANTED PROJECTS IN 2025: 1
- N° CLINICAL TRIALS: 23
- N° PATENTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS:

1. RICORS 040

2. PAIDI CTS-260

3. Medtronic PSP-RCS

4. Hyperphosphatemia and CKD

5. Calidad de las Unidades ERCA (ACERCA)

6. CSUR de enfermedades glomerulares (Ministry of Health)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:

1. INTENSIFICACIÓN (SAS) – SAGRARIO SORIANO CABRERA

2. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. VICTORIA VIDAL JIMENEZ
- 9 AGREEMENTS WITH COMPANIES
- AWARDS

1. ANDRES CARMONA MUNOZ. Ayuda a la publicación - “El indoxil sulfato y el p-cresol promueven los procesos de adhesión y migración endotelial de monocitos THP-1 asociados a la expresión de miRNAs específicos”. Funding Agency: FUNDACION SENEFRO

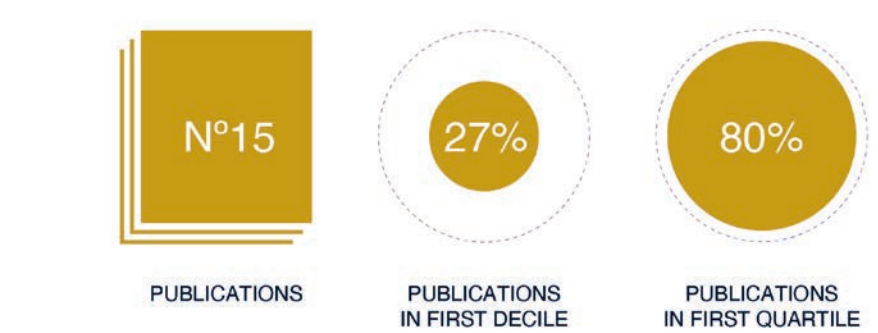
GC08:
HORMONES AND CANCER

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Castaño	Fuentes	Justo Pastor	R4	0000-0002-3145-7287
Gracia	Navarro	Francisco	R4	
Ibáñez	Costa	Alejandro	R3	
Blázquez	Encinas-Rey	Ricardo	R2	
Moreno	Montilla	Mª Trinidad	R2	
Moreno	Moreno	Paloma	R2	
Pedraza	Arévalo	Sergio	R2	
Blanco	Acevedo	Cristobal José	R1	
Caro	Cuenca	Mª Teresa	R1	
García	Vioque	Víctor	R1	
González	Pérez	Clara	R1	
Padillo	Cuenca	José Carlos	R1	
Ruiz	Palacios	Daniel	R1	
Sánchez	Frias	Marina Esther	R1	
Del Río	Moreno	Guillermina	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Cellular and molecular endocrine oncology	Spliceosome
Pancreatic cancer	Splicing
Neuroendocrine tumors	Somatostatin
Pituitary tumors	Somatostatin-receptors
Alternative splicing	Cortistatin
Splice-variants	Signaling

» HIGHLIGHTED PUBLICATIONS:

1. Tost J, Ak-Aksoy S, Campa D, Corradi C, Farinella R, Ibáñez-Costa A, Dubrot J, Earl J, Melian EB, Kataki A, Kolnikova G, Madjarov G, Chaushevska M, Strnadel J, Tanić M, Tomas M, Dubovan P, Urbanova M, Buocikova V, Smolkova B. Leveraging epigenetic alterations in pancreatic ductal adenocarcinoma for clinical applications. Semin Cancer Biol. 2025; 109:101-124. DOI: 10.1016/j.semcancer.2025.01.003.
IF: 15,70 Q1 D1

2. Tacelli M, Gentiluomo M, Biamonte P, Castano JP, Berkovic MC, Cives M, Kapitanovic S, Marinoni I, Marinovic S, Nikas I, Nosáková L, Pedraza-Arevalo S, Pellè E, Perren A, Strosberg J, Campa D, Capurso G. Pancreatic neuroendocrine neoplasms (pNENs): Genetic and environmental biomarkers for risk of occurrence and prognosis. SEMINARS IN CANCER BIOLOGY. 2025. 112-125. DOI:10.1016/j.semcancer.2025.03.005.
IF: 15,7 Q1 D1

3. Cros J, Casanovas O, Castaño JP, Dayton T, Alvarez AG, Gibert B, Simbolo M, Vandamme T, Cives M, Marinoni I; ENETS Basic and Translational Research Group (BTRG). White paper on best practices for translational research in neuroendocrine neoplasms. JOURNAL OF NEUROENDOCRINOLOGY. 2025 Oct;37(10):e70072. DOI: 10.1111/jne.70072.
IF: 4,1 Q1 D1

4. Castano JP, Dattani MT, Grozinsky-Glasberg S, Karavitaki N, Pavel ME, Andoniadou C, Alexandraki K, Capatina C, Cerbone M, Ferone D, Gan HW, Hofland J, Hofland LJ, Ibanez-Costa A, Ilie MD, Isidori AM, Korbonits M, Kos-Kudla B, Maghnie M, Mantovani G, Marazuela M, Raverot G, Scarpa A, Schilbach K, Theodoropoulou M, van Santen HM, Zatelli MC. EndoCompass project: research roadmap for pituitary and neuroendocrine tumor endocrinology. EUROPEAN JOURNAL OF ENDOCRINOLOGY. 2025. ii84-ii96. DOI:10.1093/ajem/035.
IF: 5,2 Q1 D2

5. Moreno-Montilla MT, Pedraza-Arevalo S, Martínez-López A, Blázquez-Encinas R, García-Vioque V, Rodríguez-Ortiz L, Valenzuela-Molina F, Rufián-Andújar B, Granados-Rodríguez M, Ortega-Salas R, Alors-Pérez E, Vázquez-Borrego MC, Romero-Ruiz A, Castaño JP, Arjona-Sánchez A, Ibáñez-Costa A. Exploring RNA biology in pseudomyxoma peritonei uncovers splicing dysregulation as a novel, targetable molecular vulnerability. CANCER GENE THERAPY. 2025. 721-736. DOI:10.1038/s41417-025-00911-x.
IF: 5 Q1 D2

» **CLINICAL GUIDES:**

1. Prasad V, Koumariou A, Denecke T, Sundin A, Deroose CM, Pavel M, Christ E, Lamarca A, Caplin M, Castano JP, Dromain C, Falconi M, Grozinsky-Glasberg S, Hofland J, Knigge UP, Kos-Kudla B, Krishna BA, Reed NS, Scarpa A, Srirajaskanthan R, Toumpanakis C, Kjaer A, Hicks RJ, Ambrosini V. Challenges in developing response evaluation criteria for peptide receptor radionuclide therapy: A consensus report from the European Neuroendocrine Tumor Society Advisory Board Meeting 2022 and the ENETS Theranostics Task Force. JOURNAL OF NEUROENDOCRINOLOGY. 2. DOI: 10.1111/jne.13479

» **ACTIVITY:**

- N° ONGOING PROJECTS: 4
- N° GRANTED PROJECTS IN 2025: 1
- N° PHD THESES: 1

» **ADDITIONAL INFORMATION:**

- NETWORKS:
 1. CIBER Physiopathology of Obesity and Nutrition – CIBERobn
 2. PAIDI BIO-139 ‘Cellular and Molecular Endocrinology’ Research Group
 3. COST – CA21116 – Identification of biological markers for prevention and translational medicine in pancreatic cancer (TRANSPAN)
 4. TransBioNet – Spanish Bioinformatics Network for Clinical Research
 5. European Neuroendocrine Tumor Society (ENETS): Advisory Board and Educational and Lung NET task forces
 6. European Society of Endocrinology (ESE). Pituitary and Neuroendocrinology Focus Area.
 7. Spanish Group on Endocrine and Neuroendocrine Tumors (GETNE)
 8. Spanish Molecular Registry of Hypophyseal Adenomas (REMAH)
 9. Agrifood Campus of International Excellence (ceiA3)
 10. Rare Cancer Genomics (IARC, WHO)
 11. Spanish Society of Endocrinology and Nutrition (SEEN). Area of Knowledge of Neuroendocrinology
 12. Andalusian Society of Endocrinology, Diabetes and Nutrition (SAEDYN). Area of Knowledge of Neuroendocrinology
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2020 - AGENCIA ESTATAL DE INVESTIGACIÓN (FPU). VICTOR GARCIA VIOQUE. FPU21/00857
 2. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2020 - AGENCIA ESTATAL DE INVESTIGACIÓN (FPU). MARÍA TRINIDAD MORENO MONTILLA. FPU19/05175
 3. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. DANIEL RUIZ PALACIOS
 4. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. CLARA GONZALEZ PEREZ
- 3 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS
 1. JUSTO PASTOR CASTANO FUENTES. REACH - Reversing Epitranscriptomic Alterations for CHemosensitization of Pancreatic Cancer. Funding Agency: INSTITUTO DE SALUD CARLOS III. Reference: TRANSCAN-2023-01

GC09:
NUTRIGENOMICS. METABOLIC SYNDROME

SCIENTIFIC PROGRAM 2: NUTRITION AND ENDOCRINE AND METABOLIC DISEASES

» **TEAM**

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
López	Miranda	José	R4	0000-0002-8844-0718
Delgado	Lista	Francisco Javier	R4	0000-0002-2982-2716
Pérez	Jiménez	Francisco	R4	0000-0001-9808-1280
Pérez	Martínez	Pablo	R4	0000-0001-7716-8117
Yubero	Serrano	Elena	R4	0000-0002-2733-5359
Alcalá	Díaz	Juan Francisco	R3	
Blanco	Molina	Mª Ángeles	R3	
Camargo	García	Antonio	R3	
Fernández	De La Puebla	Rafael Ángel	R3	
Fuentes	Jiménez	Francisco	R3	
García	Rios	Antonio	R3	
López	Jiménez	Luciano	R3	
Montero	Pérez-Barquero	Manuel	R3	
Pérez	Caballero	Anabel	R3	
Rangel	Zuñiga	Oriol Alberto	R3	
Arenas	De Larriva	Antonio Pablo	R2	
Arenas	Montes	Javier	R2	
Boughanem	Lakhal	Hatim	R2	
Cortés	Rodríguez	Begoña	R2	
Criado	García	Juan	R2	
De La Cruz	Ares	Silvia	R2	
Gómez	Luna	Purificación	R2	
Gutiérrez	Mariscal	Francisco Miguel	R2	
Jiménez	Morales	Anabel	R2	
López	Moreno	Javier	R2	
Lozano	Rodríguez-Mancheño	Aquiles	R2	
Martín	Piedra	Laura	R2	
Millán	Orge	Marta	R2	
Mora	Ortiz	Marina	R2	
Ojeda	Rodríguez	Ana	R2	
Podadera	Herreros	Alicia	R2	
Porras	Pérez	Esther	R2	
Quintana	Navarro	Gracia María	R2	
Romero	Cabrera	Juan Luis	R2	
Sánchez	Gutiérrez	Mónica	R2	
Torres	Peña	José David	R2	
Vaquero	Álvarez	Manuel	R2	
Villasanta	González	Alejandro	R2	
Díaz	Cáceres	Alberto	R1	
López	Moreno	Alejandro	R1	

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Muñoz	Osuna	Juan Francisco	R1	
Ortiz	Palma	Pedro José	R1	
Párraga	Viúdez	María	R1	
Quirós	Jiménez	Alba	R1	
Serrán	Jiménez	Alejandro	R1	
Vega	Rojas	Ana María	R1	
Jiménez	Martín	Paola	N	
Morillo-Velarde	Castro	Blanca	N	
Lifona	Requena	Yessica María	ADM	
Carreras	Calero	Rosario	T	
Castro	Montero	Sofía	T	
Castro	Liñán	Lidia	T	
Hidalgo	de la Rosa	María	T	
Morales	Martínez	Jose Andrés	T	
Peña	Orihuela	Patricia Judith	T	
Vaquero	Córdoba	Inés	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Atherosclerosis	Inflammation
Endothelial dysfunction	Oxidative stress
Metabolic syndrome	Cholesterol
Type 2 diabetes mellitus	Gene expression
Mediterranean diet	Proteomics
Olive oil	Nutrigenetics
Polyphenols	Nutrigenomics
Antioxidants	Gut microbiota

» HIGHLIGHTED PUBLICATIONS:

- Boughanem H, Torres-Peña JD, Arenas-de Larriva AP, Romero-Cabrera JL, Gómez-Luna P, Martín-Piedra L, Rodríguez-Cantalejo F, Tinahones FJ, Serrano EMY, Soehnlein O, Perez-Martinez P, Delgado-Lista J, López-Miranda J. Mediterranean diet, neutrophil count, and carotid intima-media thickness in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2024. 719-729. DOI:10.1093/eurheartj/ehae836.
IF: 35,6 Q1 D1
- Arenas-Montes J, Alcalá-Díaz JF, García-Fernández H, Gutiérrez-Mariscal FM, López-Moreno A, Luque-Córdoba D, Larriva APAD, Torres-Peña JD, Luque RM, Prodam F, Priego-Capote F, Delgado-Lista J, López-Miranda J, Camargo A. A microbiota pattern associated with cardiovascular events in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2025. 2104-2115. DOI:10.1093/eurheartj/ehaf181.
IF: 35,1 Q1 D1

- Boughanem H, Párraga-Viúdez MJ, Ojeda-Rodríguez A, Romero-Cabrera JL, Narváez ERD, Lopez-Moreno A, Torres-Peña JD, Macías-González M, Alcalá-Díaz JF, Larriva APAD, Pérez-Martínez P, Delgado-Lista J, Lopez-Miranda J, Rangel-Zuñiga OA. Circulating long non-coding RNAs as predictors of type 2 diabetes mellitus development: results from the CORDIOPREV study. CARDIOVASCULAR DIABETOLOGY. 2025. DOI:10.1186/s12933-025-02942-y.
IF: 10,6 Q1 D1
- García-Ríos A, Romero-Cabrera JL, Alcalá-Díaz JF, Quintana-Navarro GM, Martín-Piedra L, Larriva APA, Torres-Peña JD, Rodríguez-Cantalejo F, Kales SN, Ordovás JM, Pérez-Martínez P, Delgado-Lista J, López-Miranda J. Long sleep duration pattern is associated with increased cardiovascular recurrence: Effect of long-term Mediterranean diet from the CORDIOPREV study. JOURNAL OF INTERNAL MEDICINE. 2025. 237-250. DOI:10.1111/joim.20119.
IF: 9,2 Q1 D1
- Narváez ERD, Medina RV, García-Fernández H, Ramirez AI, Benítez S, Echagüe G, Sosa L, Alvarenga N, Lugo AA, López-Miranda J, Pérez-Martínez P, Rangel-Zuñiga OA. Fermented dairy product could improve glucose homeostasis in patients diagnosed with type 2 diabetes mellitus: A randomized controlled trial. FUTURE FOODS. 2025. DOI:10.1016/j.fufo.2025.100679.
IF: 8,2 Q1 D1

» CLINICAL GUIDES:

- Ros E, Pérez-Martínez P, Estruch R, López-Miranda J, Ferrer CS, Delgado-Lista J, Gómez-Delgado F, Solà R, Pascual V. Recommendations of the Spanish Arteriosclerosis Society: The diet in cardiovascular prevention- 2024 Update. CLINICA E INVESTIGACION EN ARTERIOSCLEROSIS. DOI: 10.1016/j.arteri.2024.10.001

» ACTIVITY:

- Nº ONGOING PROJECTS: 10
- Nº GRANTED PROJECTS IN 2025: 3
- Nº CLINICAL TRIALS: 33
- Nº PHD THESES: 2
- Nº PATENTS: 4

» ADDITIONAL INFORMATION:

- NETWORKS:
 - CIBER Physiopathology of Obesity and Nutrition (CIBERObn)
 - PAIDI CTS-212: NUTRITION AND DISEASE
 - PAIDI CTS-525: INTERACTION GENES AND ENVIRONMENT
 - NUTRIEPIGEN (NutriEpiGen is a working group of Spanish researchers specialized in the area of lifestyle and epigenetics; Funded by the Ministry of Science, Innovation and Universities of Spain (reference AGL 2017-90623-RED)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 - ACCIÓN C. IMPULSO DE LA INVESTIGACIÓN TRASLACIONAL DE LAS UC (PROGRAMA NICOLÁS MONARDES) 2022 - SERVICIO ANDALUZ DE SALUD. ANTONIO CAMARGO GARCIA
 - ACCIÓN C. IMPULSO DE LA INVESTIGACIÓN TRASLACIONAL DE LAS UC (PROGRAMA NICOLÁS MONARDES) 2024 - SERVICIO ANDALUZ DE SALUD. ORIOL ALBERTO RANGEL ZUÑIGA
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2021 - INSTITUTO DE SALUD CARLOS III. ANA OJEDA RODRIGUEZ
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2022 - INSTITUTO DE SALUD CARLOS III. HATIM BOUGHANEM LAKHAL
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2023 - INSTITUTO DE SALUD CARLOS III. MÓNICA SÁNCHEZ GUTIERREZ
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS MIGUEL SERVET 2019 - INSTITUTO DE SALUD CARLOS III. ORIOL ALBERTO RANGEL ZUÑIGA
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS MIGUEL SERVET 2024 - INSTITUTO DE SALUD CARLOS III. ANA OJEDA RODRIGUEZ
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2020 - INSTITUTO DE SALUD CARLOS III. HELENA MARIA GARCIA FERNANDEZ
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2021 - INSTITUTO DE SALUD CARLOS III. ESTHER PORRAS PEREZ
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2023 - INSTITUTO DE SALUD CARLOS III. MARIA JOSÉ PÁRRAGA VIUDEZ
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS 2023 - INSTITUTO DE SALUD CARLOS III. FRANCISCO JAVIER DELGADO LISTA
 - PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. MARÍA HIDALGO DE LA ROSA
 - PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. INES VAQUERO CORDOBA

14. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS JUAN RODÉS 2023 - INSTITUTO DE SALUD CARLOS III. JUAN LUIS ROMERO CABRERA
15. ACCIÓN ESTRATÉGICA EN SALUD - MOVILIDAD DE PERSONAL INVESTIGADOR CONTRATADO EN EL MARCO DE LA AES (M-AES) 2024 - INSTITUTO DE SALUD CARLOS III. ESTHER PORRAS PEREZ
16. RENOVACIÓN ACCIÓN C (PROGRAMA NICOLÁS MONARDES) 2023 - FASE 3 - SERVICIO ANDALUZ DE SALUD. ELENA YUBERO SERRANO
17. MARIE SKLODOWSKA-CURIE: CO-FUNDING OF REGIONAL, NATIONAL AND INTERNATIONAL PROGRAMMES 2018 - COMISIÓN EUROPEA. MARINA MORA ORTIZ
- 11 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS

1. PABLO PEREZ MARTINEZ. e2-ducass - e2-ducass digital tool intervention: bringing the health literacy to vulnerable populations for promoting physical activity, healthy diet patterns and mental and cardiovascular health. Funding Agency: CONSEJERÍA DE SANIDAD, PRESIDENCIA Y EMERGENCIAS. Reference: ERA4Health-2023-01
- AWARDS

1. Premios Lección Maimónides 2025 I Premio al mejor trabajo de investigación clínica - Hatim Boughanem Lakhal.

GC10:

HORMONAL REGULATION OF ENERGY BALANCE, PUBERTY AND REPRODUCTION

SCIENTIFIC PROGRAM 2: NUTRITION AND ENDOCRINE AND METABOLIC DISEASES

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Tena	Sempere	Manuel	R4	0000-0002-4741-5567
Avendaño	Herrador	Mª Soledad	R3	
Castellano	Rodríguez	Juan Manuel	R3	
Gaytan	Luna	Francisco	R3	
Pineda	Reyes	Rafael	R3	
Pinilla	Jurado	Leonor	R3	
Roa	Rivas	Juan	R3	
Sanchez-Garrido	Nogueras	Miguel	R3	
Vázquez	Villar	Mª Jesús	R3	
Barroso	Romero	Alexia	R2	
García	Galiano	David	R2	
León	Téllez	Silvia	R2	
Mora	Ortíz	Marina	R2	
Perdices	López	Cecilia María	R2	
Rodríguez	Vázquez	Elvira	R2	
Ruiz	Cruz	Miguel	R2	
Ruiz	Pino	Francisco	R2	
Sobrino	Cabello	Verónica	R2	
Torres	Jiménez	Encarnación	R2	
Velasco	Aguayo	Inmaculada	R2	
Aranda	Torrecillas	Álvaro	R1	
Calero	García	Ana Adela	R1	
Daza	Dueñas	Silvia	R1	
García	Vera	Jose Joaquín	R1	
Jiménez	Puyer	Manuel	R1	
Jiménez	Ulloa	Rodrigo	R1	
Navarro	Torrente	Marta	R1	
Rodríguez	Martín	Andrea	R1	
Serrano	López	Victor Manuel	R1	
Torres	Granados	Carmen	R1	
Uceda	Rodríguez	Esperanza	R1	
Espejo	Cordero	Azahara	T	
Rodríguez	Sánchez	Ana Belén	T	
Sánchez	Tapia	Mª Jesús	T	
Trujillo	Luque	Juan Manuel	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Puberty	Gonadotropins
Fertility	Gonads
Obesity	Polycystic ovary syndrome
Metabolism	Endometriosis
Energy sensors	Hypogonadism
Kisspeptins	MicroRNAs
Neuropeptides	Epigenetics

» HIGHLIGHTED PUBLICATIONS:

1. Argente J, Farooqi IS, Chowen JA, Kühnen P, López M, Morselli E, Gan HW, Spoudeas HA, Wabitsch M, Tena-Sempere M. Hypothalamic obesity: from basic mechanisms to clinical perspectives. LANCET DIABETES & ENDOCRINOLOGY. 2025. 57-68. DOI:10.1016/S2213-8587(24)00283-3.
IF: 41,8 Q1 D1

2. Vazquez MJ, Daza-Dueñas S, Velasco I, Ruiz-Pino F, Sanchez-Tapia MJ, Manfredi-Lozano M, Torres-Granados C, Barroso A, Roa J, Sánchez-Garrido MA, Dieguez C, Lomniczi A, Nogueiras R, Tena-Sempere M. Hypothalamic SIRT1-mediated regulation of the hormonal trigger of ovulation and its repression in energy deficit. METABOLISM-CLINICAL AND EXPERIMENTAL. 2025. DOI:10.1016/j.metabol.2024.156125.
IF: 11,9 Q1 D1

3. Ponce-Díaz FJ, Ruiz-Pino F, Garrido-Rodríguez M, Prados-González ME, Uceda-Rodríguez E, Cerero-Tejero L, Guerrero-Ruiz Y, Sanchez-Garrido MA, Muñoz E, Tena-Sempere M. Cannabidiol improves metabolic profiles and alleviates liver inflammation and fibrosis in conditions of androgenic obesity and polycystic ovary syndrome. DIABETES OBESITY & METABOLISM. 2025. 6027-6031. DOI:10.1111/dom.16602.
IF: 5,7 Q1 D2

4. Cotellessa L, Sobrino V, Silva MSB, Delit M, Maitre H, Caron E, Ternier G, Lima ND, Lhomme T, Giton F, Sorrentino A, Carraresi L, Di Nardo G, Nogueiras R, Tena-Sempere M, Prevot V, Giacobini P. Preventing and correcting polycystic ovary syndrome by targeting anti-Müllerian hormone signaling in minipuberty and adulthood in mice. CELL METABOLISM. 2025. 1260-1276. DOI:10.1016/j.cmet.2025.03.013.
IF: 30,9 Q1 D1

5. Freire-Agulleiro O, Estevez-Salguero A, Ferreira V, Holleman CL, Garcia-Curras J, Gonzalez-Garcia I, Nogueiras R, Tena-Sempere M, Garcia-Caceres C, Dieguez C, Lopez M. SF1-specific deletion of the energy sensor AMPK γ 2 induces obesity. MOLECULAR METABOLISM. 2025. DOI:10.1016/j.molmet.2024.102091.
IF: 6,6 Q1 D2

» ACTIVITY:

- N° ONGOING PROJECTS: 10
- N° GRANTED PROJECTS IN 2025: 1
- N° PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. CIBEROBN (CIBER on Obesity and Nutrition)
 2. PAIDI BIO-310
 3. Theme Area: Reproductive Endocrinology (European Society of Endocrinology)
 4. Theme Area: Environmental Endocrinology (European Society of Endocrinology)
 5. Red Temática de Investigación Traslacional en Pubertad ReTIT-PUB (coordinador)
 6. EUCRE: Red europea de estudios de la reproducción
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. ERC ADVANCED GRANT 2022 - COMISIÓN EUROPEA. MANUEL TENA SEMPERE
 2. AYUDAS PARA INCENTIVAR LA CONSOLIDACIÓN INVESTIGADORA 2022 - AGENCIA ESTATAL DE INVESTIGACIÓN. SILVIA LEON TELLEZ
 3. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2020 - INSTITUTO DE SALUD CARLOS III. CARMEN TORRES GRANADOS
 4. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2022 (CON SS) - INSTITUTO DE SALUD CARLOS III. YOLANDA GUERRERO RUIZ
 5. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2020 - AGENCIA ESTATAL DE INVESTIGACIÓN. SILVIA DAZA DUEÑAS
 6. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2021 - AGENCIA ESTATAL DE INVESTIGACIÓN. ESPERANZA UCEDA RODRÍGUEZ
 7. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ANDREA RODRIGUEZ MARTIN
 8. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. MARTA NAVARRO TORRENTE
 9. MARIE SKŁODOWSKA-CURIE: POSDOCTORAL FELLOWSHIPS - GLOBAL FELLOWSHIPS 2022 - COMISIÓN EUROPEA. INMACULADA VELASCO AGUAYO
 10. Programa de Formación de Doctores – Programa FPI – MANUEL JIMENEZ PUYER.
 11. Programa de Formación de Doctores – Programa FPI – ÁLVARO ARANDA TORRECILLAS
 12. Programa de Formación de Doctores – Programa FPI – RODRIGO JIMÉNEZ ULLOA
 13. Programa de Formación de Doctores – Programa FPI – MARÍA LÓPEZ SANCHO
 14. Programa de Formación de Doctores – Programa FPI – BEATRIZ ROMERO DE LA ROSA
 15. Programa de Contratos Postdoctorales. Consejería de Universidad, Investigación e Innovación – VERÓNICA SOBRINO CABELLO.
- 2 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS
 1. MANUEL TENA SEMPERE. MERLON - Merging scientific Evidence with Regulatory practices and Leveraging identification Of endocrine disruptors using New approach methodologies. Funding Agency: COMISIÓN EUROPEA. Reference: ENVHLTH-02-03-2023-01
 2. JUAN MANUEL CASTELLANO RODRIGUEZ. Role of fat sensing in the altered feeding behavior and metabolic phenotype of Prader-Willi Syndrome. Funding Agency: FOUNDATION FOR PRADER-WILLI RESEARCH. Reference: FPWR-2022-01
 3. MARIASOLEDA AVENDANO HERRADOR. Characterization of the central effects of miR-137-3p/FNDC5 in obesity-induced hypogonadism. Funding Agency: SOCIETY FOR ENDOCRINOLOGY. Reference: SFE-ECG-2023-01
 4. MANUEL TENA SEMPERE. eprObes - Preventing lifetime obesity by early risk-factor identification, prognosis and intervention. Funding Agency: COMISIÓN EUROPEA. Reference: STAYHLTH-01-05_01.
- AWARDS:
 1. MIGUEL ANGEL SANCHEZ-GARRIDO NOGUERAS. Premios Lección Maimónides 2025 I Premio Enrique Aguilar Benitez de Lugo

GC11:

METABOLISM AND ADIPOCYTE DIFFERENTIATION-METABOLIC SYNDROME

SCIENTIFIC PROGRAM 2: NUTRITION AND ENDOCRINE AND METABOLIC DISEASES

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Malagón	Poyato	Mª del Mar	R4	0000-0002-2419-2727
Gordon	Bermúdez-Coronel	Ana	R3	
Guzmán	Ruiz	Rocío	R3	
Kirst		Henning	R3	
López	Alcalá	Jaime	R2	
Soler	Vázquez	Mª del Carmen	R2	
Bruque	Monge	Irene	R1	
Farinha		Beatriz	R1	
García	Ruiz	Olga	R1	
Garrido	Rascón	Elena	R1	
González	Almécija	Beatriz	R1	
González	Ruiz	María	R1	
Lorenzo	Pino	Samuel	T	
Salido	Martínez	Elena	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Adipose tissue	Insulin signaling/Insulin resistance
Adipocytes	Intracellular traffic
Adipogenesis	Lipid droplets
Bariatric surgery	Lipid metabolism
Cellular stress	Microscopy
Extracellular matrix	Obesity
Fibrosis	Proteomics
Cell imaging	Protein networks

» HIGHLIGHTED PUBLICATIONS:

1.

Lecube A, Galindo RJ, Salinas-Roca B, Marina I, Ciudin A, Crujeiras AB, Morales C, Azriel S, Gomez-Blasco R, Bustos C, Butragueño J, Flores L, Umpierrez GE, Malagon MM. Awareness of obesity’s causes is not linked to less Weight-Related bias. SCIENTIFIC REPORTS. 2025. DOI:10.1038/s41598-025-32682-8.

IF: 3,9 Q1 D2
2.

Sánchez-Ceinos J, Townsend BC, Tercero-Alcázar C, López-Alcalá J, Ortea I, Morales-Conde S, Pereira-Cunill JL, García-Luna PP, Cano DA, Malagón MM, Guzmán-Ruiz R. Obesity duration is linked to bariatric surgery outcomes via adipose tissue response. JOURNAL OF ENDOCRINOLOGY. 2025. DOI:10.1530/JOE-25-0013.

IF: 3,9 Q2 D3
3.

Ziegler DV, Parashar K, Leal-Esteban L, López-Alcalá J, Castro W, Zanou N, Martínez-Carreres L, Huber K, Berney XP, Malagón MM, Roger C, Berger MA, Gouriou Y, Paone G, Gallart-Ayala H, Sfomos G, Ronchi C, Ivanisevic J, Brisken C, Rieusset J, Irving M, Fajas L. CDK4 inactivation inhibits apoptosis via mitochondria-ER contact remodeling in triple-negative breast cancer. NATURE COMMUNICATIONS. 2025. DOI:10.1038/s41467-024-55605-z.

IF: 15,7 Q1 D1
4.

Lluch A, Latorre J, Espadas I, Oliveras-Cañellas N, Moreno-Navarrete JM, Caballano-Infantes E, Sarker G, Malvido NF, Garrido-Gil P, Labandeira-García JL, Nakaya N, Mora S, Chicano E, López-Alcalá J, Malagón MM, Martin-Montalvo A, Zhang BR, Zhou Y, Domingos AI, López M, Pörschke J, Gómez-Serrano M, Szymanski W, Graumann J, Tomarev SI, González-García I, Fernández-Real JM, Ortega FJ. Defective Olfactomedin-2 connects adipocyte dysfunction to obesity. NATURE COMMUNICATIONS. 2025. DOI:10.1038/s41467-025-62430-5.

IF: 15,7 Q1 D1
5.

Frías M, Chicano-Gálvez E, Rivero-Juárez A, Gordon A, Corona-Mata D, Moyano JM, Peralbo-Molina A, Camacho A, Pérez-Valero I, Malagón MD, Rivero A. Afamin and Apolipoprotein F Associated With Liver Steatosis From People Living With HIV: A Discovery Study. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2025. 1767-1774. DOI:10.1111/apt.70119.

IF: 6,7 Q1 D1

» CLINICAL GUIDES:

1.

Lecube A, Azriel S, Barreiro E, Blay G, Carretero-Gómez J, Ciudin A, Fernández JM, Flores L, de Hollanda A, Martínez E, Miñambres I, Moizé V, Morales C, Ramírez V, Salvador J, Soler MJ, Supervía M, Valenti V, Vicente-Rodríguez G, Vilarrasa N, Malagón MM. The Spanish GIRO Guideline: A Paradigm Shift in the Management of Obesity in Adults. OBESITY FACTS. 4. 375-387. DOI: 10.1159/000544880

» ACTIVITY:

- Nº ONGOING PROJECTS: 3

» ADDITIONAL INFORMATION:

- NETWORKS:

1.

CIBER Physiopathology of Obesity and Nutrition (CIBERObn), Instituto de Salud Carlos III. [http://www.ciberobn.es/en]

2.

PAIDI BIO 139 (Junta de Andalucía)

3.

Novel challenges in Research on Adipose Plasticity. ADIPOBROAD. Ministry of Economy and Competitiveness, Spain.

4.

Red de Ejercicio Físico y Salud -EXERNET. Redes de Investigación en Ciencias del Deporte. Ministerio de Educación, Formación Profesional y Deportes. Consejo Superior de Investigaciones Científicas, 2024.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:

1.

PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. SAMUEL LORENZO PINO

2.

PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. MARIA GONZALEZ RUIZ

3.

HENNING KIRST; Ayudas Ramon y Cajal; Funding Agency: CIENCIA - Ministerio de Ciencia, Innovación y Universidades; Reference: RYC2021-034890

GC13:
CALCIUM METABOLISM. VASCULAR CALCIFICATION

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Rodríguez	Portillo	Mariano	R4
0000-0002-1550-790X			
Aguilera	Tejero	Escolástico	R4
0000-0002-3357-3142			
Muñoz	Castañeda	Juan Rafael	R4
0000-0002-9341-0724			
Canalejo	Raya	Antonio Luis	R3
López	Villalba	Ignacio	R3
Rodelo	Haad	Cristian Roberto	R3
Rodríguez	Ortiz	Mª Encarnación	R3
Pendón	Ruiz de Mier	Mª Victoria	R2
Pineda	Martos	Carmen María	R2
Raya	Bermúdez	Ana Isabel	R2
Pinaglia	Tobaruela	Gonzalo	R1
Rivas	Domínguez	Antonio	R1
García	Sáez	Raquel	T
Jurado	Montoya	Daniel	T
Torralbo	Romero	Ana Isabel	T

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Calcium	Vascular calcification
Phosphorus	Renal failure
Mineral metabolism	Bone mineral disease
Parathyroid glands	VDR
PTH	CaSR
Calcification	Mesenchymal stem cells
Uremia	Wnt/ beta-catenin
HPTH2º	FGF23

» HIGHLIGHTED PUBLICATIONS:

1. Rodríguez-Ortiz ME, Díaz-Tocados JM, Torralbo AI, Valdés-Díaz K, Rivas-Domínguez A, Guerrero F, Reina-Alfonso I, Naves-Díaz M, Alonso-Montes C, Rodelo-Haad C, Rodríguez M, Muñoz-Castañeda JR. Impact of elevated sclerostin levels on bone resorption unravelling structural changes and mineral metabolism disruption. BONE & JOINT RESEARCH. 2025. 448-462. DOI:10.1302/2046-3758.145.BJR-2024-0227.R1. IF: 5,1 Q1 D1

2. Novillo C, García-Saez RM, Sánchez-Molina L, Rodelo-Haad C, Carmona A, Pinaglia-Tobaruela G, Membrives-González C, Jurado D, Santamaría R, Muñoz-Castañeda JR, Martín-Malo A, Rodríguez M, Soriano S, Pendon-RuizdeMier V. The Phosphate/Urea Nitrogen Ratio in Urine-A Method to Assess the Relative Intake of Inorganic Phosphate. NUTRIENTS. 2025. -. DOI:10.3390/nu17213323. IF: 5 Q1 D2

3. Novillo-Sarmiento C, García-Sáez RM, Rivas-Domínguez A, Torralba-Duque A, Rodelo-Haad C, Rodríguez-Ortiz ME, Muñoz-Castañeda JR, de Mier MVPR. Phosphate and Inflammation in Health and Kidney Disease. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. DOI:10.3390/ijms27010408. IF: 4,9 Q1 D3

4. Rodelo-Haad C, Rodríguez-Ortiz ME, Garcia-Sáez R, Rivas-Domínguez A, Jurado-Montoya D, Martín-Malo A, Rodríguez M, de Mier MVPR, Muñoz-Castañeda JR. The true cost of phosphate control in chronic kidney disease. CLINICAL KIDNEY JOURNAL. 2025. i46-i60. DOI:10.1093/ckj/sfae434. IF: 4,6 Q1 D2

5. Moyano-Peregrin C, Rodelo-Haad C, Martín-Malo A, Muñoz-Castañeda JR, Ojeda R, Lopez-Lopez I, Rodríguez M, de Mier MVPR, Santamaría R, Soriano S. Upper normal serum magnesium is associated with a reduction in incident death from fatal heart failure, coronary heart disease and stroke in non-dialysis patients with CKD stages 4 and 5. CLINICAL KIDNEY JOURNAL. 2025. DOI:10.1093/ckj/sfae390. IF: 4,6 Q1 D2

» ACTIVITY:

• N° ONGOING PROJECTS: 9

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. PAIDI CTS-179
 2. European Uremic Toxic (EUTOX)
 3. CKD-MBD GROUP (ERA-EDTA)
 4. PerMediK- Personalized medicine in chronic kidney disease: improved outcome based on Big Data.
 5. Redes de Investigación Cooperativa Orientadas a Resultados en Salud (RICORS) – Nefrología.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. RENOVACIÓN ACCIÓN C (PROGRAMA NICOLÁS MONARDES) 2024 - FASE 2 - SERVICIO ANDALUZ DE SALUD. JUANRAFAEL MUNOZ CASTANEDA
 2. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS MIGUEL SERVET 2021 - INSTITUTO DE SALUD CARLOS III. MARIA ENCARNACION RODRIGUEZ ORTIZ
 3. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2021 - INSTITUTO DE SALUD CARLOS III. TERESA OBRERO SOJO
 4. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2024 (CON SS) - INSTITUTO DE SALUD CARLOS III. RAQUEL MARIA GARCIA SAEZ
 5. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. DANIEL JURADO MONTOYA
 6. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. GONZALO PINAGLIA TOBARUELA
 7. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS JUAN RODÉS 2020 - INSTITUTO DE SALUD CARLOS III. Mª VICTORIA PENDON RUIZ DE MIER
- 8 AGREEMENTS WITH COMPANIES

GC14: CELLULAR THERAPY

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY):

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Herrera	Arroyo	Inmaculada Concepción	R4
Jiménez	Moreno	Rosario	R2
Martín	Palanco	Vanesa	R2
Nogueras	Martín	Sonia	R2
Santos	González	Mónica	R2
Aparicio	Pérez	Clara	R1
Ballesteros	Ribelles	Antonio	R1
Millán	López	Alejandro	R1
Pavlovic	Pavlovic	Kristina	R1
Moreno	Pantoja	Alicia	T

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Stem cells	Immunotherapy
Car-T cells	Cell Therapy
Cell-gene Therapy	

» HIGHLIGHTED PUBLICATIONS:

- Cabezas-Rodríguez JA, Biarnes C, Marti-Navas M, Pineda V, Comas-Cufi M, Pardo-Galiana B, Zapata-Arriaza E, Pinero P, Aguera-Morales E, Valverde R, Ortega-Quintanilla J, Ainz-Gomez L, Baena-Palomino P, Gutierrez I, Medina-Rodríguez M, Ocete-Perez R, Gamero MA, de Alboniga-Chindurza A, Hermosin A, Aguilar-Perez M, Villagran D, Escamilla-Gomez V, Calderon-Cabrera C, Nogueras S, Jimenez R, Martin V, Herrera C, Delgado F, Gonzalez A, Montaner J, Puig J, Moniche F. Diffusion Tensor Imaging Study After Intraarterial Cell Therapy in Acute Ischemic Stroke: A Substudy of the IBIS Randomized Clinical Trial. STROKE. 2025. 2198-2209. DOI:10.1161/STROKEAHA.124.050261.
IF: 8,9 Q1 D1
- Maestre-Luque LC, Gonzalez-Manzanares R, Hidalgo F, de Lezo JS, Romero M, Gutiérrez-Barrios A, Gallo I, Herrera C, Espejo-Perez S, Fernández-López O, Alcázar-Caballero RM, Ojeda S, Pan M. Intracoronary infusion of autologous bone marrow mononuclear cells in patients with chronic total occlusions and left ventricular dysfunction: the BMMC/CTO trial. STEM CELL RESEARCH & THERAPY. 2025. DOI:10.1186/s13287-025-04854-w.
IF: 7,3 Q1 D1

- Cavazza A, Molina-Estévez FJ, Reyes AP, Ronco V, Naseem A, Malensek S, Pecan P, Santini A, Heredia P, Aguilar-González A, Boulaiz H, Ni QQ, Cortijo-Gutierrez M, Pavlovic K, Herrera I, de la Cerda B, Garcia-Tenorio EM, Richard E, Granados-Principal S, López-Márquez A, Köber M, Stojanovic M, Vidakovic M, Santos-Garcia I, Blázquez L, Haughton E, Yan DN, Sánchez-Martín RM, Mazini L, Aseguinolaza GG, Miccio A, Rio P, Desviat LR, Gonçalves MAFV, Peng L, Jiménez-Mallebrera C, Molina FM, Gupta D, Lainscek D, Luo YL, Benabdellah K. Advanced delivery systems for gene editing: A comprehensive review from the GenE-HumDi COST Action Working Group. MOLECULAR THERAPY NUCLEIC ACIDS. 2025. DOI:10.1016/j.omtn.2025.102457.
IF: 6,1 Q1 D2
- Munárriz D, Pérez-Lopez E, Rodríguez CM, Luque M, Esquirol A, Calvo CM, Aparicio C, Peña-Muñoz F, Fernando IH, Ormtegi IO, Marín AJS, Fernández-Luis S, Domínguez-García JJ, Fernández SV, Lopez-Lorenzo JL, Fleitas CA, González-Rodríguez AP, García L, Torrado T, Filaferro S, Balsalobre P, Cascon MJP, Rovira M, Salas MQ. Donor age as an independent predictor of inferior outcomes after haploidentical hematopoietic cell transplantation in acute myeloid leukemia. Study conducted on behalf of GETH-TC. FRONTIERS IN IMMUNOLOGY. 2025. DOI:10.3389/fimmu.2025.1700463.
IF: 5,9 Q1 D2
- Brijs J, Peczynski C, Boreland W, Cuoghi A, Maertens J, Mohty M, Kröger N, Nakov P, Broers AEC, Eder M, Arroyo CH, Kaufmann M, Ram R, Schaap NPM, Graham C, Mussetti A, Penack O, Moiseev I, Peric Z, Schoemans H. Immune checkpoint inhibitors therapy for solid organ malignancies after allogeneic hematopoietic stem cell transplantation: a retrospective study from the EBMT Transplant Complications Working Party. BONE MARROW TRANSPLANTATION. 2025. 60 (3):415-417. DOI: 10.1038/s41409-024-02497-8.
IF: 5,2 Q1 D2

» ACTIVITY:

- Nº ONGOING PROJECTS: 3

» ADDITIONAL INFORMATION:

- NETWORKS:
 - RADyTTA. Red Andaluza de Diseño y Traslación de Terapias Avanzadas. Directora del nodo Córdoba.
 - EATRIS. European Infrastructure for Translational Medicine. Investigadora Responsable del nodo IMIBIC de Terapias Avanzadas.
 - RICORS (Redes de Investigación Cooperativa Orientadas a Resultados en Salud) TERA V (Terapias Avanzadas). Miembro de los partners 5 (Terapia Génica) y 32 (Plataforma transversal de producción celular). RED FINANCIADA por el ISCiii.
 - EBMT. European Blood and Marrow Transplantation Group. Investigadora Principal del CIC 238.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 - PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ALEJANDRO MILLAN LOPEZ
 - PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ANTONIO BALLESTEROS RIBELLES
 - RENOVACIÓN TECNICOS VINCULADOS A ECAIS 2023 - SERVICIO ANDALUZ DE SALUD. ROSARIO JIMENEZ MORENO
- 23 AGREEMENTS WITH COMPANIES

GC15:
CARDIOVASCULAR DISEASES

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Pan	Alvarez-Ossorio	Manuel	R4
Anguita	Sánchez	Manuel Pablo	R4
Castillo	Domínguez	Juan Carlos	R3
Delgado	Ortega	Mónica María	R3
González	Manzanares	Rafael	R3
López	Granados	Amador	R3
Mazuelos	Bellido	Francisco	R3
Mesa	Rubio	Mª Dolores	R3
Ojeda	Pineda	Soledad	R3
Pavlovic	Djurovic	Djordje	R3
Romero	Moreno	Miguel Ángel	R3
Ruiz	Ortiz	Martín	R3
Segura	Saint-Gerons	José María	R3
Suarez de Lezo	Herreros de Tejada	Javier	R3
Carrasco	Ávalos	Francisco	R2
Crespin	Crespin	Manuel	R2
Gallo	Fernández	Ignacio	R2
Hidalgo	Lesmes	Francisco José	R2
Maestre	Fernández	Luis Carlos	R2
Perea	Armijo	Jorge	R2
Gutiérrez	Ballesteros	Guillermo	R1
Cebrián	Salgado	Eva	ADM
Pozuelo	Sánchez	Isabel	T

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Cardiac interventions	Percutaneous aortic valves
Interventional cardiology	Coronary stent implantation
Structural heart disease	Congenital heart disease
Complex coronary lessions	

» HIGHLIGHTED PUBLICATIONS:

1. Rossello X, Prescott EIB, Kristensen AMD, Latini R, Fuster V, Fagerland MW, Pocock SJ, Halvorsen S, Dominguez-Rodriguez A, Holmager TLF, Sanchez PL, Bakken A, Raposeiras-Roubin S, Jensen SE, Kimura T, Ottani F, Lambrechtsen J, Anguita M, Ozasa N, Atar D, Ibanez B, Munkhaugen J. β blockers after myocardial infarction with mildly reduced ejection fraction: an individual patient data meta-analysis of randomised controlled trials. LANCET. 2025. 1128-1137. DOI:10.1016/S0140-6736(25)01592-2. IF: 88,5 Q1 D1

2. Ibanez B, Latini R, Rossello X, Dominguez-Rodriguez A, Fernández-Vazquez F, Pelizzoni V, Sánchez PL, Anguita M, Barrabés JA, Raposeiras-Roubin S, Pocock S, Escalera N, Staszewsky L, Pérez-García CN, Díez-Villanueva P, Pérez-Rivera JA, Prada-Delgado O, Owen R, Pizarro G, Caldes O, Gómez-Talavera S, Tuñón J, Bianco M, Zarauza J, Vetrano A, Campos A, Martínez-Huertas S, Bueno H, Puentes M, Grigis G, Bonilla-Palomas JL, Marco E, González-Juanatey JR, Bangueses R, González-Juanatey C, García-Alvarez A, Ruiz-García J, Carrasquer A, García-Rubira JC, Pascual-Figal D, Tomás-Querol C, San Román JA, Baratta P, Agüero J, Martín-Reyes R, Colivicchi F, Ortas-Nadal R, Bazal P, Cordero A, Fernández-Ortiz A, Basso P, González E, Poletti F, Bugani G, Debiasio M, Cosmi D, Navazio A, Bermejo J, Tortorella G, Marini M, Botas J, de la Torre-hernández JM, Ottani F, Fuster V. Beta-Blockers after Myocardial Infarction without Reduced Ejection Fraction. NEW ENGLAND JOURNAL OF MEDICINE. 2025. 1889-1900. DOI:10.1056/NEJMoa2504735. IF: 78,5 Q1 D1

3. Raposeiras-Roubin S, Amat-Santos IJ, Rossello X, Ferreiro RG, Bermúdez IG, Otero DL, Nombela-Franco L, Gheorghe L, Díez JL, Zorita CB, Baz JA, García AJM, Vilalta V, Ojeda-Pineda S, Hernández JMD, Soriano JGC, Regueiro A, Siscar PB, Fernández JS, del Blanco BG, Martín-Reyes R, Romaguera R, Moris C, Blas SG, Franco-Peláez JA, Cruz-González I, Arzamendi D, Rodríguez NR, Hoyo FDD, Freire SC, Ojeda FB, Burgo JCA, Navarro EM, Borrego JC, Quevedo VR, Sánchez-Recalde A, Disdier VP, Alegría-Barrero E, Torres-Llengo J, Feltes G, Díaz JAF, Cuellas C, Britez GJ, Lezcano JSR, Barreiro-Pardal C, Núñez-Gil I, Abu-Assi E, Iñiguez-Romo A, Fuster V, Ibáñez B. Dapagliflozin in Patients Undergoing Transcatheter Aortic-Valve Implantation. NEW ENGLAND JOURNAL OF MEDICINE. 2025. 1396-1405. DOI:10.1056/NEJMoa2500366. IF: 78,5 Q1 D1

4. Arunothayaraj S, Egred M, Banning AP, Brunel P, Ferenc M, Hovasse T, Wlodarczak A, Pan MN, Schmitz T, Silvestri M, Erglis A, Kretov E, Lassen JF, Chieffo A, Lefevre T, Burzotta F, Cockburn J, Darremont O, Stankovic G, Morice MC, Louvard Y, Hildick-Smith D. Stepwise Provisional Versus Systematic Dual-Stent Strategies for Treatment of True Left Main Coronary Bifurcation Lesions. CIRCULATION. 2025. 612-622. DOI:10.1161/CIRCULATIONAHA.124.071153. IF: 38,6 Q1 D1

5. Maestre-Luque LC, Gonzalez-Manzanares R, Hidalgo F, de Lezo JS, Romero M, Gutiérrez-Barrios A, Gallo I, Herrera C, Espejo-Perez S, Fernández-López O, Alcázar-Caballero RM, Ojeda S, Pan M. Intracoronary infusion of autologous bone marrow mononuclear cells in patients with chronic total occlusions and left ventricular dysfunction: the BMMC/CTO trial. STEM CELL RESEARCH & THERAPY. 2025. DOI:10.1186/s13287-025-04854-w. IF: 7,3 Q1 D1

» ACTIVITY:

- Nº ONGOING PROJECTS: 5
- Nº GRANTED PROJECTS IN 2025: 1
- Nº CLINICAL TRIALS: 15
- Nº PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 - European Bifurcation Club
 - European Society of Cardiology
 - Spanish Society of Cardiology.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2022 - INSTITUTO DE SALUD CARLOS III. RAFAEL GONZALEZ MANZANARES
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2024 - INSTITUTO DE SALUD CARLOS III. IGNACIO GALLO FERNANDEZ
 - PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ISABEL POZUELO SANCHEZ
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS JUAN RODÉS 2024 - INSTITUTO DE SALUD CARLOS III. RAFAEL GONZALEZ MANZANARES
 - ACCIÓN ESTRATÉGICA EN SALUD - MOVILIDAD DE PERSONAL INVESTIGADOR CONTRATADO EN EL MARCO DE LA AES (M-AES) 2024 - INSTITUTO DE SALUD CARLOS III. RAFAEL GONZALEZ MANZANARES
- 6 AGREEMENTS WITH COMPANIES

GC16:

CELLULAR BIOLOGY IN HEMATOLOGY. HYPERCOAGULABILITY

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Sánchez	García	Joaquín	R4	0000-0001-9345-456X
Álvarez	Rivas	Miguel Ángel	R3	
Arqueros	Martínez	Víctor	R3	
Casaño	Sánchez	Javier	R3	
Fernández	de la Mata	Margarita	R3	
Fernández	Sánchez de Mora	Mª del Carmen	R3	
García	Torres	Estefanía	R3	
Martín	Calvo	Carmen	R3	
Martínez	Losada	Carmen	R3	
Molina	Hurtado	José Ramón	R3	
Rodríguez	Villa	Antonia	R3	
Rojas	Contreras	Rafael	R3	
Serrano	López	Josefina	R3	
Prados	De La Torre	Esther	R2	
Millan	Troya	Mª Jimena	T	
Velasco	Gimena	Francisco	C	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Acute leukemia	Allogenic stem cell transplantation
Lymphoma	Hypercoagulability

» HIGHLIGHTED PUBLICATIONS:

1.

Lasa M, Gonzalez C, Notarfranchi L, Zherniakova A, Alignani D, Burgos L, Calasanz MJ, Rodriguez-Otero P, Perez JJ, Gomez C, de la Calle VG, de Arriba F, Palomera L, Rivas MAA, Clavero E, Ocio EM, Gonzalez-Rodriguez AP, Lakhwani S, Ibañez A, Oriol A, Sureda A, Rosinol L, Siewert C, Orfao A, Lahuerta JJ, Blade J, Mateos MV, San-Miguel JF, Cedena MT, Martínez-Lopez J, Puig N, Paiva B. Ultrasensitive detection of circulating multiple myeloma cells by next-generation flow after immunomagnetic enrichment. BLOOD. 2025. 964-970. DOI:10.1182/blood.2025029234.

IF: 23,1 Q1 D1

2.

Alfonso-Pierola A, Martinez-Cuadrón D, Rodríguez-Veiga R, Gil C, Martínez-Sánchez P, Bernal T, Benavente C, Romero-Riquelme MA, Serrano-Lopez J, Bergua JM, García-Boyero R, Tormo M, Herrera P, Sossa-Melo CL, Pérez-Simon JA, Rodríguez-Medina C, Bass-Maturana MF, López-Lorenzo JL, Algarra-Algarra L, Vidriales-Vicente B, Pérez-Encinas M, Barrios-García M, Vives S, Sayas-Lloris MJ, Capurro M, Hidalgo S, Olave M, Cuervo-Lozada D, Lavilla-Rubira E, Casado F, Mena-Durán A, Valero-Nuñez M, Casado-Calderón S, Balerdi A, Torres V, Fernández R, Noriega V, Stevenazzi M, Labrador J, León-Maldonado P, de Rueda-Ciller B, Arce-Fernández O, Amigo ML, Raposo-Puglia JA, Solé M, Boluda B, Ayala R, Barragán E, Montesinos P. Long-term benefits of autologous stem cell transplantation versus intensive chemotherapy consolidation for acute myeloid leukemia patients: A propensity score matching analysis from the PETHEMA AML registry. LEUKEMIA. 2025. 2686-2696. DOI:10.1038/s41375-025-02744-x.

IF: 13,4 Q1 D1

3.

Jiménez-Vicente C, Esteve J, Baile-González M, Pérez-López E, Calvo CM, Aparicio C, Ormategi IO, Esquirol A, Peña-Muñoz F, Fernandez-Luis S, Fernando IH, González-Rodríguez AP, López-García A, López-Lorenzo JL, Torrado T, Marín AJS, Fleytas CA, García L, Villar S, Filaferro S, Balsalobre P, Cascón MJP, Salas MQ. Allo-HCT refined ELN 2022 risk classification: validation of the Adverse-Plus risk group in AML patients undergoing allogeneic hematopoietic cell transplantation within the Spanish Group for Hematopoietic Cell Transplantation (GETH-TC). BLOOD CANCER JOURNAL. 2025. DOI:10.1038/s41408-025-01223-x.

IF: 11,6 Q1 D1

4.

Valhondo I, Pera A, Hassouneh F, López-Sejas N, Alvarez-Heredia P, Bergua JM, Arcos MJ, Casas-Avilés I, Sánchez-García J, Serrano J, Martín C, Durán E, Alonso C, Solana R, Tarazona R. Expression of the inhibitory checkpoints LAG-3, TIM-3, and PD-1 in NK cells and T cells in acute myeloid leukemia: preserved expression of LAG-3 is associated with patient survival. CANCER IMMUNOLOGY IMMUNOTHERAPY. 2025. DOI:10.1007/s00262-025-04169-y.

IF: 5,1 Q1 D3

5.

Serrano J, Martínez-Cuadrón D, Gil C, Bernal T, Tormo M, Martínez-Sánchez P, Rodríguez-Medina C, Herrera P, Simón JAP, Sayas MJ, Bergua J, Lavilla-Rubira E, Amigo M, Benavente C, Lorenz JLL, Pérez-Encinas MM, Vidriales MB, Aparicio-Pérez C, de la Torre EP, Colorado M, de Rueda B, García-Boyero R, Marini S, García-Suárez J, López-Pavía M, Gómez-Roncero MI, Noriega V, López A, Labrador J, Cabello A, Sossa C, Algarra L, Stevenazzi M, Torres L, Boluda B, Sánchez-Garcia J, Montesinos P. Autologous or Allogeneic Hematopoietic Stem Cell Transplantation as Front-Line Treatment for Adult Secondary Acute Myeloid Leukemia Patients: The PETHEMA Registry Experience. TRANSPLANTATION AND CELLULAR THERAPY. 2025. 299.e1-299.e14. DOI:10.1016/j.jtct.2025.02.011.

IF: 4,4 Q1 D2

» ACTIVITY:

- Nº ONGOING PROJECTS: 2
- Nº GRANTED PROJECTS IN 2025: 1
- Nº CLINICAL TRIALS: 17

» ADDITIONAL INFORMATION:

- NETWORKS:
 - Programa Español de Tratamientos en Hematología (PETHEMA)
 - Grupo Español de Síndromes Mielodisplásicos (GESMD)
 - European Society for Blood and Marrow Transplantation (EBMT)
 - Observational Immune Tolerance Induction research programme (IbsITI)
 - PAIDI CTS-620
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 - RESEARCH MOBILITY GRANTS 2024 - EUROPEAN HEMATOLOGY ASSOCIATION. ESTHER PRADOS DE LA TORRE
 - BECAS DE INVESTIGACIÓN FEHH 2019 - FUNDACIÓN ESPAÑOLA DE HEMATOLOGÍA Y HEMOTERAPIA. JOAQUÍN SANCHEZ GARCIA
 - PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ESTHER PRADOS DE LA TORRE
- 10 AGREEMENTS WITH COMPANIES

GC17:
PHYSIOPATHOLOGY OF ENDOCRINE VITAMIN D SYSTEM
BIOTECHNOLOGY AND AGING

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILTY

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Gálvez	Moreno	Mª Ángeles	R4
Calañas	Continente	Alfonso	R3
Carrera	González	Mª del Pilar	R3
Casado	Díaz	Antonio	R3
Herrera	Martínez	Aura Dulcinea	R3
Molina	Puertas	María José	R3
Palomares	Ortega	Rafael	R3
Alhambra	Expósito	María Rosa	R2
Camacho	Cardeñosa	Marta	R2
Cantón	Habas	Vanesa	R2
Muñoz	Jiménez	Concepción	R1
Pulido	Escribano	Victoria María	R1
Rebollo	Román	Ángel	R1
Torrecillas	Baena	Bárbara	R1

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Osteoporosis	Vitamin D
Fatty acids	Carotenoids
Human mesenchymal stem cells (MSh) of adult adipocytes	Osteoblasts
Adipocytes	Endothelial Progenitor Cells
Extracellular vesicles	Exosomes
Aging	Obesity
Regenerative medicine	Wound healing
Biomarkers	

» HIGHLIGHTED PUBLICATIONS:

1. Torrecillas-Baena, Barbara; Pulido-Escribano, Victoria; Quesada-Gomez, Jose Manuel; Moreno-Moreno, Paloma; Herrera-Martinez, Aura D; Dorado, Gabriel; Galvez-Moreno, Maria Angeles; Camacho-Cardenosa, Marta; Casado-Diaz, Antonio. Antidiabetic sitagliptin influences tissue regeneration by affecting progenitor cells. BIOMEDICINE & PHARMACOTHERAPY. 2025. DOI: 10.1016/j.biopha.2025.118279
IF: 7,5 Q1 D1

2. Fuentes-Fayos AC, G-García ME, Sánchez-Medianero T, Apps J, Flores-Martínez A, De la Rosa-Herencia AS, Gil-Duque I, Otto G, Venegas-Moreno E, Ruiz-Valdepeñas EC, Herrera-Martínez AD, Solivera J, Gahete MD, Cano DA, Ortega R, Soto-Moreno A, Gálvez-Moreno MA, Martínez-Barberá JP, Luque RM. Impaired splicing machinery in craniopharyngiomas unveils PRPF8 and RAVR1 as novel biomarkers and therapeutic targets. ACTA NEUROPATHOLOGICA COMMUNICATIONS. 2025. -. DOI:10.1186/s40478-025-02040-w.
IF: 5,7 Q1 D2

3. Pulido-Escribano V, Camacho-Cardenosa M, Dorado G, Quesada-Gomez JM, Calañas-Continente A, Gálvez-Moreno MA, Casado-Díaz A. The Use of Plant-Derived Extracellular Vesicles in Regenerative Medicine Applied to Cutaneous Wound Healing. PHARMACEUTICS. 2025. DOI:10.3390/pharmaceutics17121531.
IF: 5,5 Q1 D1

4. Camacho-Cardenosa M, Pulido-Escribano V, Estrella-Guisado G, Dorado G, Herrera-Martínez AD, Gálvez-Moreno MA, Casado-Díaz A. Bioprinted Hydrogels as Vehicles for the Application of Extracellular Vesicles in Regenerative Medicine. GELS. 2025. DOI:10.3390/gels11030191.
IF: 5,3 Q1 D2

5. García-Roldán S, Rubio S, Vivas S, Castillo-Mayén R, Tabernero C, Muñoz C, Luque B. Feasibility and usability study of the ERES: A mobile application to intervene in emotional regulation and self-efficacy in minors with type 1 diabetes. DIGITAL HEALTH. 2025. DOI:10.1177/20552076251348021.
IF: 3,3 Q1 D2

» CLINICAL GUIDES:

1. Araujo-Castro M, García-Centeno R, Aller J, Marazuela M, Soto A, Gálvez MA, Cámara R, Valassi E, Bernabeu I, Villar-Taibo R, Hanzu FA. Executive summary of the consensus document for the management of severe Cushing’s syndrome: Consensus document of the Neuroendocrinology Focus Group of the Spanish Society of Endocrinology and Nutrition (SEEN). ENDOCRINOLOGIA DIABETES Y NUTRICION. 10. -. DOI: 10.1016/j.endien.2025.501654

» ACTIVITY:

- N° ONGOING PROJECTS: 7
- N° GRANTED PROJECTS IN 2025: 1
- N° CLINICAL TRIALS: 3
- N° PATENTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. CIBERFES - Centro de Investigación Biomédica en Red Fragilidad y Envejecimiento Saludable
 2. PAIDI CTS-413 - Sistema Endocrino de la Vitamina D. Biotecnología y Envejecimiento
 3. PAIDI CTS-651
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. Contrato Refuerzo con RRHH de la actividad investigadora en las UC del SAS - Acción A. Entidad financiadora: Consejería de Salud y Familias – Junta de Andalucía. BENEFICIARIOS: Mª Ángeles Gálvez Moreno y Alfonso Calañas Continente
 2. ACCIÓN C. IMPULSO DE LA INVESTIGACIÓN TRASLACIONAL DE LAS UC (PROGRAMA NICOLÁS MONARDES) 2020 - SERVICIO ANDALUZ DE SALUD. ANTONIO CASADO DIAZ
 3. CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE PROFESORADO UNIVERSITARIO-FPU 2023 - MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES. VICTORIA PULIDO ESCRIBANO
 4. PAIDI 2020 – AYUDAS A LA CONTRATACIÓN DE PERSONAL INVESTIGADOR DOCTOR POR PARTE DE LOS AGENTES DEL SISTEMAANDALUZ DEL CONOCIMIENTO 2021 - CONSEJERÍA DE UNIVERSIDAD, INVESTIGACIÓN E INNOVACIÓN. MARTA CAMACHO CARDENOSA
 5. RENOVACIÓN ACCIÓN C (PROGRAMA NICOLÁS MONARDES) 2024 - FASE 3 - SERVICIO ANDALUZ DE SALUD. ANTONIO CASADO DIAZ
 6. AYUDA FORMACIÓN PROFESORADO UNIVERSITARIO (FPU)-MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES-VICTORIA MARIA PULIDO ESCRIBANO
- 10 AGREEMENTS WITH COMPANIES

GC18:

TRANSLATIONAL RESEARCH IN SURGERY OF SOLID ORGAN TRANSPLANTATION

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Briceño	Delgado	Francisco Javier	R4
Ciria	Bru	Ruben	R3
López	Cillero	Pedro	R3
Calleja	Lozano	Rafael	R2
Durán	Martínez	Manuel	R2
Jiménez	Gómez	Jesús	R2
Leva	Vallejo	Manuel	R2
Navarro	Rodríguez	Elena	R2
Padial	Aguado	Ana Cristina	R2
Pleguezuelo	Navarro	María	R2
Pozo	Laderas	Juan Carlos	R2
Regueiro	López	Juan Carlos	R2
Gómez	Dueñas	Gonzalo	R1

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Liver transplant	Pediatric transplantation
Pancreas transplant	Split transplantation
Kidney transplant	Expanded criteria donors
Lung transplant	Donor-Recipient Matching
Heart transplant	Perfusion Machines
Living donor transplantation	Artificial Intelligence in organ transplantation

» HIGHLIGHTED PUBLICATIONS:

1. Ciria R, Ivanics T, Aliseda D, Claasen M, Alconchel F, Gaviria F, Briceño J, Berardi G, Rotellar F, Sapisochin G. Liver transplantation for primary and secondary liver tumors: Patient-level meta-analyses compared to UNOS conventional indications. HEPATOLOGY. 2025. 1700-1713. DOI:10.1097/HEP.0000000000001129.
IF: 15,8 Q1 D1

2. Calleja R, Rivera M, Guijo-Rubio D, Hessheimer AJ, de la Rosa G, Gastaca M, Otero A, Ramírez P, Boscà-Robledo A, Santoyo J, Gómez LMM, del Moral JV, Fundora Y, Lladó L, Loinaz C, Jiménez-Garrido MC, Rodríguez-Laíz G, López-Baena JA, Charco R, Varo E, Rotellar F, Alonso A, Rodríguez-Sanjuan JC, Blanco G, Nuño J, Pacheco D, Coll E, Domínguez-Gil B, Fondevila C, Ayllón MD, Durán M, Ciria R, Gutiérrez PA, Gómez-Orellana A, Hervás-Martínez C, Briceño J. Machine Learning Algorithms in Controlled Donation After Circulatory Death Under Normothermic Regional Perfusion: A Graft Survival Prediction Model. TRANSPLANTATION. 2025. e362-e370. DOI:10.1097/tp.0000000000005312; 10.1097/TP.0000000000005312.
IF: 5 Q1 D1

3. Hermán-Sánchez N, del Rio-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. MOLECULAR CANCER. 2025. DOI:10.1186/s12943-024-02206-5.
IF: 33,9 Q1 D1

4. Abu Hilal M, Hoogteijling TJ, Edwin B, Dagher I, D'Hondt M, Marques HP, Swijnenburg RJ, Boggi U, Sucandy I, Ferrero A, Marsman H, Troisi R, Gumbs AA, Aldrighetti LA, Cherqui D, Alseidi A, Croner R, Rotellar F, Scatton O, Al Saati H, Berardi G, Cillo U, Cipriani F, Ciria R, Cugat E, Di Benedetto F, Diaz-Nieto R, Duncan T, Efanov M, Ettore GM, Fondevila C, Fretland AA, Giuliani F, Hagendoorn J, Han HS, Honda G, Lesurtel M, Lodge P, Ben SL, Memeo R, Menon K, Rashidian N, Ratti F, Campos RR, Russolillo N, Ruzzenente A, Santoyo J, Schmelzle M, Sgarbura O, Sutcliffe RP, Teh CSC, Vivarelli M, Wakabayashi G, White S, Pearce N, Angelico R, Bannone E, Cacciaguerra AB, Bozkurt E, Conticchio M, El Adel S, Famularo S, Guerra M, Kuemmerli C, Lopez-Lopez V, Aranda FP, da Cunha GP, Primavesi F, Saeidi S, Sheel ARG, Sijberden JP, Sucameli F, Taliente F, Veronesi T, Ahmad J, Alfieri S, Ausania F, Baiocchi G, Berti S, Besselink MG, Daradkeh S, De Carlis L, Delvecchio A, Dervenis C, Dokmak S, Ferrari C, Fusai GK, Geller D, Goh BKP, Guglielmi A, Iannitti D, Jaradat D, Jovine E, Kuo-Hsin C, Liu R, Marudanayagam R, Mocchegiani F, Panaro F, Pinna A, Portolani N, Saleh O, Sallemi C, Serrablo A, Smadi S, Suhool A, Taylor MA, van Gulik TM, Siriwardena AK, Asbun HJ. The Brescia internationally validated European guidelines on minimally invasive liver surgery. BJS-BRITISH JOURNAL OF SURGERY. 2025. DOI:10.1093/bjs/znaf113.
IF: 8,8 Q1 D1

5. Gómez-Dueñas G, Durán M, Olmo-García R, Calleja R, Padial-Aguado A, Ayllón MD, Ciria R, Briceño-Delgado J. Predicting the complexity of robotic liver surgery: a comparative analysis of the IWATE, Kawaguchi-Gayet, Hasegawa, Southampton, and Tampa scores. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES. 2025. 4965-4972. DOI:10.1007/s00464-025-11859-2.
IF: 2,7 Q1 D3

» CLINICAL GUIDES:

1. Abu Hilal M, Hoogteijling TJ, Edwin B, Dagher I, D'Hondt M, Marques HP, Swijnenburg RJ, Boggi U, Sucandy I, Ferrero A, Marsman H, Troisi R, Gumbs AA, Aldrighetti LA, Cherqui D, Alseidi A, Croner R, Rotellar F, Scatton O, Al Saati H, Berardi G, Cillo U, Cipriani F, Ciria R, Cugat E, Di Benedetto F, Diaz-Nieto R, Duncan T, Efanov M, Ettore GM, Fondevila C, Fretland AA, Giuliani F, Hagendoorn J, Han HS, Honda G, Lesurtel M, Lodge P, Ben SL, Memeo R, Menon K, Rashidian N, Ratti F, Campos RR, Russolillo N, Ruzzenente A, Santoyo J, Schmelzle M, Sgarbura O, Sutcliffe RP, Teh CSC, Vivarelli M, Wakabayashi G, White S, Pearce N, Angelico R, Bannone E, Cacciaguerra AB, Bozkurt E, Conticchio M, El Adel S, Famularo S, Guerra M, Kuemmerli C, Lopez-Lopez V, Aranda FP, da Cunha GP, Primavesi F, Saeidi S, Sheel ARG, Sijberden JP, Sucameli F, Taliente F, Veronesi T, Ahmad J, Alfieri S, Ausania F, Baiocchi G, Berti S, Besselink MG, Daradkeh S, De Carlis L, Delvecchio A, Dervenis C, Dokmak S, Ferrari C, Fusai GK, Geller D, Goh BKP, Guglielmi A, Iannitti D, Jaradat D, Jovine E, Kuo-Hsin C, Liu R, Marudanayagam R, Mocchegiani F, Panaro F, Pinna A, Portolani N, Saleh O, Sallemi C, Serrablo A, Smadi S, Suhool A, Taylor MA, van Gulik TM, Siriwardena AK, Asbun HJ. The Brescia internationally validated European guidelines on minimally invasive liver surgery. BJS-BRITISH JOURNAL OF SURGERY. 6. DOI: 10.1093/bjs/znaf113

» ACTIVITY:

- Nº PHD THESES: 2

» ADDITIONAL INFORMATION:

- NETWORKS:
 - CIBER on Liver and Digestive Diseases (CIBERehd).
 - PAIDI CTS-273
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 - PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. RAFAEL CALLEJA LOZANO
 - PROGRAMA DE FORMACIÓN E INVESTIGACIÓN MARÍA CASTELLANO ARROYO - UCO 2024 - SERVICIO ANDALUZ DE SALUD. MANUEL DURAN MARTINEZ
- 3 AGREEMENTS WITH COMPANIES

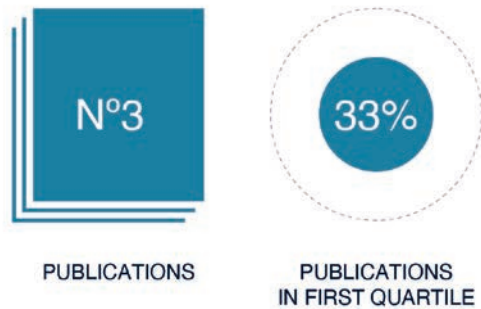
GC19:
ARTIFICIAL VISION APPLICATIONS

SCIENTIFIC PROGRAM 1: ACTIVE AGING AND FRAILTY

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Medina	Carnicer	Rafael	R4	0000-0003-4481-0614
Carmona	Poyato	Ángel	R3	
Fernández	García	Nicolás Luis	R3	
Madrid	Cuevas	Francisco José	R3	
Marín	Jiménez	Manuel Jesús	R3	
Muñoz	Salinas	Rafael	R3	
Yeguas	Bolivar	Enrique	R3	
Zafra	Palma	Jorge	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Computer Vision	Image Segmentation
Pattern Recognition	3D Reconstruction
Artificial Intelligence	Human Recognition
Human Pose Estimation	Augmented Reality

» HIGHLIGHTED PUBLICATIONS:

1. Zafra-Palma J, Marín-Jiménez N, Castro-Piñero J, Cuenca-Garcia M, Muñoz-Salinas R, Marin-Jiménez MJ. Health & Gait: a dataset for gait-based analysis. SCIENTIFIC DATA. 2025. DOI:10.1038/s41597-024-04327-4.
IF: 6,9 Q1 D2
2. García-Ruiz P, Romero-Ramírez FJ, Muñoz-Salinas R, Marín-Jiménez MJ, Medina-Carnicer R. Sparse Indoor Camera Positioning with Fiducial Markers. APPLIED SCIENCES-BASEL. 2025. DOI:10.3390/app15041855.
IF: 2,5 Q2
3. Romero-Ramírez FJ, Cazorla M, Marín-Jiménez MJ, Medina-Carnicer R, Muñoz-Salinas R. Parallelized SLAM: Enhancing Mapping and Localization Through Concurrent Processing. SENSORS. 2025. DOI:10.3390/s25020365.
IF: 3,5 Q2

» ACTIVITY:

- N° ONGOING PROJECTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. PAIDI TIC-161 - Aplicaciones de la visión artificial

GC20:
HEALTH PSYCHOLOGY

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Moriana	Elvira	Juan Antonio	R4	0000-0003-0577-821X
Alos	Cívico	Francisco José	R3	
Antolí	Cabrera	Adoración	R3	
Burgos	Marín	Rafael	R3	
Cuadrado	Hidalgo	Fátima	R3	
Gálvez	Lara	Mario	R3	
Gámez	Granados	Juan Carlos	R3	
Gámez	Martínez	Antonio Matías	R3	
García	Torres	Francisco Mariano	R3	
Martín	Borreguero	Pilar	R3	
Moreno	Osella	Eliana	R3	
Pérez	Dueñas	Carolina	R3	
Sánchez	Gutiérrez	Teresa	R3	
Sánchez	Raya	Mª Araceli	R3	
Corpas	López	Jorge	R2	
Jurado	González	Francisco Javier	R2	
Velasco	Rodríguez	Judith	R2	
Rodríguez	Ramos	Ángel	R2	
Vacas	Ruiz	Julia	R2	
Aguilera	Martín	Ángel	R1	
Espejo	Durán	Carmen	R1	
Flores	Hens	María	R1	
González	Mantilla	Ramón	R1	
Gordo	Sarriés	Sarai	R1	
Sanmartín	Litran	Francisco Javier	R1	
Tejero	Perea	Adrián	R1	
Venceslá	Martínez	José Fernando	R1	
Acedo	Galán	Elena María	T	
Carranza	Franco	Beatriz	T	
Ruiz	Fernández	Ana Cristina	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Emotional Disorders	Brief psychological therapy
Evidence based psychology	Assessment of psychological treatments
Cancer	Psycho-Oncology
Neuropsychology	Cognition/Emotion
Early intervention	Neurodevelopmental disorders
Psychosis	Cannabis/Tobacco
Behavioral analysis/Verbal behaviour	Associative learning/Invertebrate learning
Trauma/ Posttraumatic Stress Disorder	Behavioural addiction/ Gambling

» HIGHLIGHTED PUBLICATIONS:

1.

García-Torres F, García-Carmona M, Gómez-Solís A, Jurado-González F, Jablonski M, Jaén-Moreno MJ, Aranda E. Anxiety, depression, quality of life and the mediating role of psychological flexibility: A study on Spanish cancer patients. SCIENTIFIC REPORTS. 2025. DOI:10.1038/s41598-025-06942-6.
IF: 3,9 Q1 D2
2.

Velasco J, Sanmartin FJ, Cuadrado F, Gálvez-Lara M, Moriana JA. Beyond DSM and ICD: a comprehensive look at alternative approaches to understanding PTSD. CURRENT PSYCHOLOGY. 2025. 8560-8574. DOI:10.1007/s12144-025-07787-y.
IF: 2,6 Q1 D3
3.

Muñoz-Navarro R, Garrido LE, Esteller-Collado G, Carpallo-González M, Jurado-González F, Gálvez-Lara M, Prieto-Vila M, González-Blanch C, Ruíz-Rodríguez P, Moriana JA, Cano-Vindel A, Medrano LA. Evidence of a transdiagnostic cognitive-factor for the assessment of depression and anxiety disorders in primary care patients. JOURNAL OF AFFECTIVE DISORDERS. 2025. DOI:10.1016/j.jad.2025.119821.
IF: 4,9 Q1 D2
4.

Esteller-Collado G, Pérez-Jover V, Román CV, Malonda-Vidal E, Llorca-Mestre A, Prieto-Vila M, Carpallo-González M, González-Blanch C, Ruíz-Rodríguez P, Moriana JA, Cano-Vindel A, Muñoz-Navarro R. Effectiveness of a transdiagnostic protocol for anxiety and depression in primary care: The PsicAP-CV Stepped Wedge Cluster Randomized Trial. JOURNAL OF ANXIETY DISORDERS. 2025. DOI:10.1016/j.janxdis.2025.103045.
IF: 4,5 Q1 D1
5.

Antolí A, Rodriguez-Lozano FJ, Cañas JJ, Vacas J, Cuadrado F, Sánchez-Raya A, Pérez-Dueñas C, Gámez-Granados JC. Using explainable machine learning and eye-tracking for diagnosing autism spectrum and developmental language disorders in social attention tasks. FRONTIERS IN NEUROSCIENCE. 2025. DOI:10.3389/fnins.2025.1558621.
IF: 3,2 Q2 D5

» ACTIVITY:

- Nº ONGOING PROJECTS: 2

» ADDITIONAL INFORMATION:

- NETWORKS:

1.

Excellence research and interdisciplinary Network for the diagnosis and promotion of youth issues, emotions and psychological well-being - MINECO PSI2015-70943-REDT.

2.

Grupo HUM-924 - Psicología basada en la evidencia. Evaluación y diseño de intervenciones psicológicas eficaces.

3.

Sociedad española para el avance de la evaluación psicológica.

4.

Sociedad española de estudio de la ansiedad y el estrés.

GC21:
METABOLOMICS AND IDENTIFICATION OF BIOACTIVE COMPOUNDS

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID	
Priego	Capote	Feliciano	R4	0000-0003-0697-719X
Calderón	Santiago	Mónica	R3	
Criado	Navarro	Inmaculada	R2	
Ledesma	Escobar	Carlos Augusto	R2	
Castillo	Luna	Ana	R1	
Tomé	Rodríguez	Sonia	R1	
Moral	Martos	Daniel	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Metabolomics	Antioxidant compounds
Mass spectrometry	Clinical analysis
Targeted analysis	Agrofood
Untargeted analysis	Bioactive compounds

» HIGHLIGHTED PUBLICATIONS:

1.

Marx IMG, Priego-Capote F. Importance of malaxation conditions to virgin olive oil polar phenolic compounds content. FOOD CHEMISTRY. 2025. DOI:10.1016/j.foodchem.2025.143884.
IF: 9,8 Q1 D1
2.

Arenas-Montes J, Alcalá-Díaz JF, García-Fernández H, Gutiérrez-Mariscal FM, López-Moreno A, Luque-Córdoba D, Larriva APAD, Torres-Pena JD, Luque RM, Prodam F, Priego-Capote F, Delgado-Lista J, López-Miranda J, Camargo A. A microbiota pattern associated with cardiovascular events in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2025. 2104-2115. DOI:10.1093/eurheartj/ehaf181.
IF: 35,1 Q1 D1
3.

García-Fernández H, Alcalá-Díaz JF, Quintana-Navarro GM, López-Moreno J, Luque-Córdoba D, Narvaez ERD, Arenas-de Larriva AP, Gutiérrez-Mariscal FM, Torres-Pena JD, Rodríguez-Cano D, Luque RM, Priego-Capote F, López-Miranda J, Camargo A. Trimethylamine Oxidation into the Proatherogenic Trimethylamine N-Oxide Is Higher in Coronary Heart Disease Men: From the CORDIOPREV Study. WORLD JOURNAL OF MENS HEALTH. 2025. 249-258. DOI:10.5534/wjmh.230366.
IF: 4,1 Q1 D1
4.

Tomé-Rodríguez S, Ledesma-Escobar CA, Carpintero L, Dupuy J, Donadeu A, Macías-Vidal J, Cambra-López M, Pascual JJ, Priego-Capote F. In vitro and in vivo comparison of phytic acid dephosphorylation mechanisms by 3-and 6-phytases in broiler diets. ANIMAL FEED SCIENCE AND TECHNOLOGY. 2025. DOI:10.1016/j.anifeedsci.2025.116449.
IF: 2,7 Q1 D2
5.

Tome-Rodriguez S, Barba-Palomeque F, Calderon-Santiago M, Penco-Valenzuela JM, Priego-Capote F. Phenolic Metabolism Explains Bitterness and Pungency of Extra Virgin Olive Oils. FOODS. 2025. DOI:10.3390/foods14091620. IF: 5,1 Q1 D3

» ACTIVITY:

• N° ONGOING PROJECTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. CIBERFES - Cooperative Research Thematic Network on Aging and Frailty [link: <http://www.ciberfes.es/en>] (Collaborator)
 2. FQM-227 - Analytical Chemistry Research Group, of the Andalusian Plan for Research, Development and Innovation (PAIDI).
 3. Metabored – Red Española de Metabolómica (Collaborator)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. MARIE SKLODOWSKA-CURIE: POSDOCTORAL FELLOWSHIPS - EUROPEAN FELLOWSHIPS 2023 - COMISIÓN EUROPEA. FELICIANO PRIEGO CAPOTE
 2. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2020 - AGENCIA ESTATAL DE INVESTIGACIÓN. ANA CASTILLO LUNA
 3. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. DANIEL MORAL MARTOS
- 5 AGREEMENTS WITH COMPANIES

GC22:
EPIGENETICS

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Roldán	Arjona	Mª Teresa	R4	0000-0003-2842-3956
Muñoz	Serrano	Encarnación	R3	
Rodríguez	Ariza	Rafael	R3	
Rojas	Moreno	Adriana Patricia	R3	
Córdoba	Cañero	Mª Dolores	R2	
Martínez	Macías	Mª Isabel	R2	
Morales	Ruiz	Mª Teresa	R2	
Ayala	Roldán	Carmen Mª	R1	
Grávalos	Cano	Inés	R1	
Muñoz	Fernández	Ariadna	R1	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Epigenetics	DNA demethylation
DNA repair	DNA glycosylases
Cancer	Base excision repair
DNA methylation	

» HIGHLIGHTED PUBLICATIONS:

1. Jordano-Raya M, Schrader CE, Ariza RR, Roldán-Arjona T, Córdoba-Cañero D. Divergent evolution of opposite base specificity and single-stranded DNA activity in animal and plant AP endonucleases. NUCLEIC ACIDS RESEARCH. 2025. DOI:10.1093/nar/gkae1297.
IF: 13,1 Q1 D1
2. Camero C, Peña MJ, Bernal C, González D, Bermudez LG, Pulido Z, Padilla D, Infante A, Cañas A, Lopez-Kleine L, Rojas A. Analysis of the transcriptional profile of mononuclear cells from e-cigarette users. ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY. 2025. DOI:10.1016/j.ecoenv.2025.118485.
IF: 6,1 Q1 D1
3. Jordano-Raya M, Leon-Vázquez A, Ariza RR, Roldán-Arjona T, Cordoba-Cañero D. Comparative Analysis of the 3'-5' Exonuclease Activity of Human APE1 and Arabidopsis ARP AP Endonucleases. JOURNAL OF MOLECULAR BIOLOGY. 2025. DOI:10.1016/j.jmb.2025.169508.
IF: 4,5 Q2
4. González D, Infante A, López L, Ceschin D, Fernández-Sanchez MJ, Cañas A, Zafra-Mejía C, Rojas A. Airborne fine particulate matter exposure induces transcriptomic alterations resembling asthmatic signatures: insights from integrated omics analysis. ENVIRONMENTAL EPIGENETICS. 2025. DOI:10.1093/eep/dvae026.
IF: 3,2 Q2 D4

5. Gomez AL, Oddi S, Beckley MB, Schierano-Marotti G, Morales-Ruiz T, Martinez-Macías MI, Bosquiazzo VL, Roldán-Arjona T, Altamirano GA, Kass L. Involution is not modified by exposure to benzophenone-3 during pregnancy and mammary gland differentiation. CHEMICO-BIOLOGICAL INTERACTIONS. 2025. DOI:10.1016/j.cbi.2025.111795.
IF: 5,4 Q1 D2

» ACTIVITY:

• N° ONGOING PROJECTS: 1

» ADDITIONAL INFORMATION:

- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 - AYUDA DEL PROGRAMA DE FORMACIÓN DE PROFESORADO UNIVERSITARIO DEL MINISTERIO DE UNIVERSIDADES. Referencia: FPU20/01146 – MARINA JORDANO RAYA.
 - PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. FRANCISCO ROJAS VEGA
 - PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ARIADNA MUNOZ FERNANDEZ
 - PROGRAMA JUAN DE LA CIERVA – SUSANA SÁNCHEZ LEÓN
 - AYUDA DEL PROGRAMA DE PERSONAL INVESTIGADOR EN FORMACIÓN DE LA JUNTA DE ANDALUCÍA. Referencia: PREDOC_00426 - INÉS GRÁVALOS CANO.
 - PROGRAMA BEATRIZ GALINDO para la atracción de talento investigador– ADRIANA PATRICIA ROJAS MORENO – Funding Agency: MINISTERIO DE UNIVERSIDADES
- 1 AGREEMENT WITH COMPANIES

GC23:
METABOLISM IN CHILDHOOD

SCIENTIFIC PROGRAM 2: NUTRITION AND ENDOCRINE AND METABOLIC DISEASES

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Gil	Campos	Mª Mercedes	R4	0000-0002-9007-0242
Antón	Gamero	Montserrat	R3	
de la Torre	Aguilar	Mª José	R3	
Flores	Rojas	Katherine	R3	
Ibarra	de la Rosa	Ignacio	R3	
Llorente	Cantarero	Francisco Jesús	R3	
López	Laso	Eduardo	R3	
Mateos	González	Mª Elena	R3	
Pérez	Navero	Juan Luis	R3	
Aguilar	Gómez-Cárdenas	Francisco Javier	R2	
Alarcón	Roldán	Mª Ángeles	R2	
Fernández	Ramos	Joaquín Alejandro	R2	
Gómez-Chaparro	Moreno	José Luis	R2	
Jurado	Castro	José Manuel	R2	
Ordoñez	Díaz	Mª Dolores	R2	
Pastor	Villaescusa	Mª Belén	R2	
Rodríguez	Benítez	Mª Victoria	R2	
Comino	Monroy	Mª José	R1	
Palomino	Hernández	Laura	R1	
Castro	Collado	Cristina	ADM	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Autism	Oncology
Children	Physical activity
Childhood	Pre-probiotics
Metabolic syndrome	Renal disease
Metabolic diseases	Nutrition
Obesity	

» **HIGHLIGHTED PUBLICATIONS:**

1.

Palomino-Fernández L, Velasco I, Pastor-Villaescusa B, Flores-Rojas K, Rico MD, Roa J, Gil A, Gil-Campos M. Metabolic and inflammatory status in prepuberty and early adulthood for individuals with a history of extrauterine growth restriction: a cohort study. JOURNAL OF TRANSLATIONAL MEDICINE. 2025. DOI:10.1186/s12967-024-06053-2.
IF: 7,5 Q1 D2

2.

Jurado-Castro JM, Pastor-Villaescusa B, Castro-Collado C, Gil-Campos M, Leis R, Babio N, Moreno LA, Navas-Carretero S, Portolés O, Echeverría AM, De La Torre-Aguilar MJ, Picáns-Leis R, Salas-Salvadó J, de Miguel-Etayo P, Flores-Rojas K, Vázquez-Cobela R, Sales JV, Miguel-Berges ML, Izquierdo-López I, Gómez-Martínez C, Córdoba-Rodríguez DP, Mimbreno G, Llorente-Cantarero FJ. Evaluation of Physical Activity, Sedentary Patterns, and Lifestyle Behavior in Spanish Preschool Children from the CORALS Cohort. SPORTS MEDICINE-OPEN. 2025. DOI:10.1186/s40798-025-00865-2.
IF: 5,9 Q1 D1

3.

Castro-Collado C, Jurado-Castro JM, Gil-Campos M, Rico MC, Pastor-Villaescusa B, Quintana-Navarro GM, Llorente-Cantarero FJ. Changes in body composition and low-grade inflammation status in boys during a basketball afterschool program for three years. SCIENTIFIC REPORTS. 2025. DOI:10.1038/s41598-025-22628-5.
IF: 3,9 Q1 D2

4.

Iglesias-Vázquez L, Garcidueñas-Fimbres TE, Gómez-Martínez C, Castro-Collado C, Leis R, de la Puente MF, Moreno LA, Navas-Carretero S, Corella D, Echeverría AM, Jurado-Castro JM, Picáns-Leis R, Ni JQ, Miguel-Berges ML, Martínez JA, Benedicto-Toboso MI, Llorente-Cantarero F, Vázquez-Cobela R, Feliu A, Masip G, Pastor-Villaescusa B, Gil-Campos M, Escribano J, Babio N. Sleep duration moderates association between screen time and emotional and behavioural problems in young children. WORLD JOURNAL OF PEDIATRICS. 2025. 1140-1151. DOI:10.1007/s12519-025-00963-x.
IF: 4,5 Q1 D1

5.

Olivé-Cirera G, Fonseca E, Chen LW, Fetta A, Martínez-Hernández E, Guasp M, González-Alvarez V, Delgadillo V, Cantarín-Extremera V, Jiménez-Legido M, Monge-Galindo L, Felipe A, Beseler B, Turón-Viñas E, Fernández-Ramos J, Martínez-González MJ, Vázquez-López M, Fernandez LA, Alvarez-Molinero M, Muñoz-Cabello B, Camacho A, Nuñez-Enamorado N, Spatola M, Sabater L, Blanco Y, Saiz A, Graus F, Dalmau J, Armangué T. Differential diagnosis and comparison of diagnostic algorithms in children and adolescents with autoimmune encephalitis in Spain: a prospective cohort study and retrospective analysis. LANCET NEUROLOGY. 2025. 54-64. DOI:10.1016/S1474-4422(24)00443-5.
IF: 45,5 Q1 D1

» **ACTIVITY:**

- N° ONGOING PROJECTS: 4
- N° GRANTED PROJECTS IN 2025: 1
- N° CLINICAL TRIALS: 1

» **ADDITIONAL INFORMATION:**

- NETWORKS:
 1. CIBER on Obesity and Nutrition (CIBEROBN)
 2. CIBER on Rare Diseases (CIBERER)
 3. PAIDI CTS-639
 4. Spanish Pediatric Clinical Trials Network RECLIP
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS MIGUEL SERVET 2024 - INSTITUTO DE SALUD CARLOS III. MARIA BELEN PASTOR VILLAESCUSA
 2. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. CRISTINA CASTRO COLLADO
 3. CONVOCATORIA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DEL PROFESORADO UNIVERSITARIO FPU 2023. PLAN ESTATAL DE INVESTIGACIÓN CIENTÍFICA Y TÉCNICA Y DE INNOVACIÓN (PEICTI) 2021-2023. (MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES). - CRISTINA CASTRO COLLADO
- 4 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS
 1. Mª MERCEDES GIL CAMPOS. eprObes - Preventing lifetime obesity by early risk-factor identification, prognosis and intervention. Funding Agency: COMISIÓN EUROPEA. Reference: STAYHLTH-01-05_02

GC24:
CLINICAL AND MOLECULAR MICROBIOLOGY SCIENTIFIC

PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» **TEAM**

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID	
Martínez	Martínez	Luis	R4	0000-0002-6091-4045
Causse	del Río	Manuel	R3	
Gracia	Ahufinger	Irene	R3	
Pérez	Jiménez	Ana Belén	R3	
Ruiz	Martínez	Pilar	R3	
Tejero	García	Rocío	R3	
Galán	Ladero	Mª Ángeles	R2	
Vaquero	Álvarez	Esther	R2	
Ferreira	Sánchez	Jesús	R1	
Ferrez	López	Jesús	R1	
Gámez	Beltrán	Pedro	R1	
Guzmán	Puche	Julia	R1	
Marfil	Pérez	Eduardo	R1	
Morales	Domínguez	Clara de Asis	R1	
Muñoz	Muñoz de la Rosa	Montserrat	R1	
Pomares	De la Peña	Alberto	R1	
Riazzo	Damas	Cristina	R1	
Arjona	Torres	Cristina	T	
Elías	López	Cristina	C	

» **SCIENTIFIC PRODUCTION**



» **KEYWORDS:**

Antimicrobial-resistance	Cephalosporins
Beta-lactamases	Heteroresistance
Aminoglycoside-modifying-enzymes	Antibiogram
Methyl-transferases	Susceptibility-testing
Qnr	Molecular-typing
Quinolones	Enterobacteria
Polymyxins	Pseudomonas
Carbapenems	Acinetobacter

» HIGHLIGHTED PUBLICATIONS:

1.

Machuca I, Dominguez A, Amaya R, Arjona C, Gracia-Ahufinger I, Carralon M, Giron R, Gea I, De Benito N, Martin A, Galan F, Martinez JA, Iglesias R, Revuelto J, Caston JJ, Cano A, Ruiz-Arabi E, Martínez-Martínez L, Torre-Cisneros J. Real-World Experience of Imipenem-Relebactam Treatment as Salvage Therapy in Difficult-to-Treat Pseudomonas aeruginosa Infections (IMRECOR Study). INFECTIOUS DISEASES AND THERAPY. 2025. 283-292. DOI:10.1007/s40121-024-01077-z.
IF: 5,3 Q1 D2

2.

Aranaga C, Varela R, Falco A, Villa J, Moreno LM, Causse M, Martínez-Martínez L. In Vitro Activity of the Triazinyl Diazepine Compound FTSD2 Against Drug-Resistant Mycobacterium tuberculosis Strains. PHARMACEUTICALS. 2025. DOI:10.3390/ph18030360.
IF: 4,8 Q1 D2

3.

Muñoz-Rosa M, Elías-López C, Pedraza R, Riazzo C, Arjona-Torres C, Machuca I, Tejero-García R, Torre-Cisneros J, Martínez-Martínez L. In Vitro Activity of Delafloxacin Against Corynebacterium spp.. ANTIBIOTICS-BASEL. 2025. DOI:10.3390/antibiotics14100973.
IF: 4,6 Q1 D2

4.

Caballero-Gómez J, Casares-Jimenez M, Gallo-Marín M, Pereira-Pardo S, Beato-Benítez A, Poyato A, Guerra R, Avellón A, Schilling-Loeffler K, Freyre-Carrillo C, García-Bocanegra I, Jiménez-Martin D, Corona-Mata D, Viciano I, Fajardo T, Muñoz-Chimeno M, Quevedo MA, Rios-Muñoz L, Pérez AB, Cano-Terriza D, Macías J, Fuentes A, John R, Rivero-Juarez A, Rivero A. Rat hepatitis E virus as an aetiological agent of acute hepatitis of unknown origin. JOURNAL OF HEPATOLOGY. 2025. 662-669. DOI:10.1016/j.jhep.2025.02.027; 10.1016/j.jhep.2025.02.027.
IF: 33 Q1 D1

5.

Blanco-Martin T, Guzmán-Puche J, Hernández-Garcia M, Muñoz-Rosa M, Elias-López C, Riazzo C, Torre-Cisneros J, Arca-Suárez J, Causse M, Bou G, Cantón R, Martinez-Martinez L. Mechanisms of resistance to ceftazidime/avibactam in mutants derived in vitro from Klebsiella pneumoniae producing OXA-48-like enzymes. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2025. 3265-3272. DOI:10.1093/jac/dkaf360.
IF: 3,6 Q2

» ACTIVITY:

- N° ONGOING PROJECTS: 2
- N° GRANTED PROJECTS IN 2025: 2

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. Andalusian Network for Clinical Research in Infectious Diseases.
 2. EPIC Alliance – Alliance for the Exploration of Pipelines for Inhibitors of Carbapenemases.
 3. Centro de Investigación Biomédica en Red de Enfermedades Infecciosas (CIBERINFEC).
 4. Alliance for the Exploration of Pipelines for Inhibitors of Carbapenemases; JPIAMR Network Plus 2020.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2023 - INSTITUTO DE SALUD CARLOS III. ROSA PEDRAZA MERINO
 2. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. CARLOS AARON FREYTAS PALOMO
 3. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. CRISTINA ARJONA TORRES
- 4 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS
 1. LUIS MARTINEZ MARTINEZ. JPIAMR-2024-01 I AVOGADRO - Adapting Versatile Opportunities for Glycopeptide Antibiotics against Drug-Resistant Organisms. Funding Agency: INSTITUTO DE SALUD CARLOS III. Reference: AC24/00161

GC25:

KNOWLEDGE DISCOVERY AND INTELLIGENT SYSTEMS IN BIOMEDICINE

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Ventura	Soto	Sebastián	R4	0000-0003-4216-6378
García	Martínez	Carlos	R3	
Gibaja	Galindo	Eva Lucrecia	R3	
Luna	Ariza	José María	R3	
Luque	Rodríguez	María	R3	
Romero	Morales	Cristobal	R3	
Romero	Salguero	José Raúl	R3	
Zafra	Gómez	Amelia	R3	
Moyano	Murillo	José María	R2	
Ramírez	Quesada	Aurora	R2	
Barbudo	Lunar	Rafael	R1	
Delgado	Osuna	José Antonio	R1	
Esteban	Toscano	Aurora	R1	
Luque	Guzmán	Mª Carmen	R1	
Moya	Martín-Castaño	Antonio Rafael	R1	
Pérez	Perdomo	Eduardo	R1	
Trasierras	Fresco	Antonio Manuel	R1	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Biomedical Data Science	Healthcare Data Analytics
Medical Image	Radiomics
Machine learning	Deep Learning
Big Data	Clustering
Descriptive models	Pattern Mining
Predictive models	Classification and Regression

» **HIGHLIGHTED PUBLICATIONS:**

1.

Yahya MA, Moya AR, Ventura S. Deep learning for multivariate time series anomaly detection: an evaluation of reconstruction-based methods. ARTIFICIAL INTELLIGENCE REVIEW. 2025. DOI:10.1007/s10462-025-11401-9.
IF: 13,9 Q1 D1

2.

Martinez-Heredia AM, Ventura S. Weak Supervision: A Survey on Predictive Maintenance. WILEY INTERDISCIPLINARY REVIEWS-DATA MINING AND KNOWLEDGE DISCOVERY. 2025. DOI:10.1002/widm.70022.
IF: 11,7 Q1 D1

3.

Alasady YMA, Pérez E, Ventura S. Design of novel intelligent electronic trap for early detection and monitoring of tomato crops pest Tuta Absoluta using Deep learning. ALEXANDRIA ENGINEERING JOURNAL. 2025. 817-829. DOI:10.1016/j.aej.2025.06.054.
IF: 6,8 Q1 D1

4.

Almeda-Luna E, Luna JM, Ventura S. Exploring free radiomics software tools: a multiparametric evaluation for cancer classification. BMC MEDICAL IMAGING. 2025. DOI:10.1186/s12880-025-02115-z.
IF: 3,2 Q1 D3

5.

Muñoz EG, Meza J, Ventura S. Fuzzy Logic Recommender Model for Housing. IEEE ACCESS. 2025. 11380-11395. DOI:10.1109/ACCESS.2025.3527924.
IF: 3,6 Q2

» **ACTIVITY:**

- N° ONGOING PROJECTS: 2

» **ADDITIONAL INFORMATION:**

- NETWORKS:

1.

PAIDI TIC-122

2.

Red de Excelencia en Big Data y Análisis de Datos Escalable.

3.

red de Excelencia en Ingeniería del Software basada en Búsqueda (SEBASENet)

4.

Teoría y Aplicaciones de Minería de Datos
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:

1.

PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ALBERTO VELA CASTRO
- 3 AGREEMENTS WITH COMPANIES

GC26:

CLINICAL VIROLOGY AND ZOONOSIS

SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» **TEAM**

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Rivero	Juárez	Antonio	R4	0000-0002-8643-4250
Rivero	Román	Antonio	R4	0000-0002-5813-6889
Camacho	Espejo	Ángela	R3	
Frias	Casas	Mario	R3	
López	López	Pedro	R3	
Pérez	Valero	Ignacio	R3	
Casares	Jiménez	María	R2	
Corona	Mata	Diana	R2	
Gallo	Marín	Marina	R2	
Fajardo	Alonso	Tomás	R1	
Ferreira	Tatá	Claudia Sofía	R1	
Ríos	Muñoz	Lucía	R1	
Romero	Morales	Mª del Carmen	ADM	
Carrasco	Dorado	Angela	T	
Carrasquilla	Pérez	María	T	
Ruiz	Torres	Laura	T	
Zafra	Soto	Ismael	T	
Caballero	Gómez	Javier	C	

» **SCIENTIFIC PRODUCTION**



» KEYWORDS:

HIV	Pathogens
HCV	One Health
HEV	Arbovirus
Infection	Innate immunity
AIDS	Pharmacogenomics
ART	Viral reservoir
CD4	Zoonoses
Hepatitis	

» HIGHLIGHTED PUBLICATIONS:

1. Caballero-Gómez J, Casares-Jimenez M, Gallo-Marín M, Pereira-Pardo S, Beato-Benítez A, Poyato A, Guerra R, Avellón A, Schilling-Loeffler K, Freyre-Carrillo C, García-Bocanegra I, Jiménez-Martin D, Corona-Mata D, Viciana I, Fajardo T, Muñoz-Chimeno M, Quevedo MA, Rios-Muñoz L, Pérez AB, Cano-Terriza D, Macías J, Fuentes A, John R, Rivero-Juarez A, Rivero A. Rat hepatitis E virus as an aetiological agent of acute hepatitis of unknown origin. JOURNAL OF HEPATOLOGY. 2025. 662-669. DOI:10.1016/j.jhep.2025.02.027; 10.1016/j.jhep.2025.02.027.
IF: 33 Q1 D1

2. Dudman S, Zerja A, Hasanoglu I, Ruta S, van Welzen B, Nicolini LA, Yonga P, Overbo J, Rawat S, Habibovic S, Kim TB, Rivero-Juarez A, ESGVH Members. Global vaccination against hepatitis E virus: position paper from the European Society of Clinical Microbiology and Infectious Diseases Viral Hepatitis Study Group. CLINICAL MICROBIOLOGY AND INFECTION. 2025. 201-210. DOI:10.1016/j.cmi.2024.11.016.
IF: 8,5 Q1 D1

3. Pereira S, Pérez-Rivilla A, Carracedo R, Lopez-Lopez P, Rodriguez-Iglesias M, Benito R, Fuentes A, Lopez-Ruz MA, Freyre-Carrillo C, Odero MD, Parajo N, Garcia F, Rivero-Juarez A, Aguilera ARJA, Aguilera A. Hepatitis E virus screening in solid organ transplant recipients: prevalence and implications for implementation, Spain, 2021 to 2023. EUROSURVEILLANCE. 2025. DOI:10.2807/1560-7917.ES.2025.30.44.2500254.
IF: 7,8 Q1 D1

4. Caballero-Gómez J, Fajardo-Alonso T, Rios-Muñoz L, Beato-Benítez A, Casares-Jiménez M, García-Bocanegra I, Cuadrado-Matías R, Martí-Marco A, Martínez J, Martínez R, Nevado EM, Ruiz-Fons F, Mesquita JR, Fuentes M, Corona-Mata D, González M, Lizana V, Soriano P, Foronda P, Crailsheim D, Rivero-Juárez A, Rivero A. National survey of the rat hepatitis E virus in rodents in Spain, 2022 to 2023. EUROSURVEILLANCE. 2025. DOI:10.2807/1560-7917.ES.2025.30.12.2400473.
IF: 7,8 Q1 D1

5. Pérez-Valero I, Mata DC, Espejo AC, Gallo M, de Morales AGGR, Fanciulli C, Martín-Carbonero L, Isbert SC, Gutiérrez CH, Asensi V, Juarez AR, Rivero A. Real-world Effectiveness and Safety of Bictegravir/Emtricitabine/Tenofovir Alafenamide in Comparison With Other Regimens in People With Human Immunodeficiency Virus Starting Therapy With AIDS-Defining Conditions: Results From the CoRIS Cohort-The ACTUAS II Study. CLINICAL INFECTIOUS DISEASES. 2025. e93-e101. DOI:10.1093/cid/ciaf162.
IF: 7,3 Q1 D1

» ACTIVITY:

- N° ONGOING PROJECTS: 5
- N° GRANTED PROJECTS IN 2025: 2
- N° CLINICAL TRIALS: 4
- N° PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. CIBER - Enfermedades Infecciosas (CB21/13/00083)
 2. AIDS Research Network (RIS. RD16/0025/0034)
 3. HEVnet (ECDC: NP/2016/OCS/7892/01)
 4. ONWARD - One Health zoonotic Hepevirus Network (OC-2024-1-27616)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SISTEMA NACIONAL DE SALUD. ACCIÓN ESTRATÉGICA EN SALUD 2023. SUBPROGRAMA ESTATAL DE INCORPORACIÓN. EXPEDIENTE N°: INT23/00059. ANTONIO RIVERO ROMÁN
 2. ACCIÓN C. IMPULSO DE LA INVESTIGACIÓN TRASLACIONAL DE LAS UC (PROGRAMA NICOLÁS MONARDES) 2023 - SERVICIO ANDALUZ DE SALUD. ANTONIO RIVERO JUAREZ

3. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2024 - INSTITUTO DE SALUD CARLOS III. PEDRO LOPEZ LOPEZ
4. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2024 - INSTITUTO DE SALUD CARLOS III. CLAUDIA SOFIA FERREIRA TATA
5. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2022 - INSTITUTO DE SALUD CARLOS III. MARIA CASARES JIMENEZ
6. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ANGELA CARRASCO DORADO
7. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. LUCIA RIOS MUNOZ
8. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS JUAN RODÉS 2024 - INSTITUTO DE SALUD CARLOS III. DIANA CORONA MATA
9. ACCIÓN ESTRATÉGICA EN SALUD - MOVILIDAD DE PERSONAL INVESTIGADOR CONTRATADO EN EL MARCO DE LA AES (M-AES) 2024 - INSTITUTO DE SALUD CARLOS III. MARIA CASARES JIMENEZ

- 24 AGREEMENTS WITH COMPANIES

- INTERNATIONAL PROJECTS
 1. ANTONIO RIVERO JUAREZ. ESGHV-RHEV Study - Evaluation of Rocahepevirus rattii infection as emerging cause of acute hepatitis of unknown origin in Europe. Funding Agency: EUROPEAN SOCIETY OF CLINICAL MICROBIOLOGY AND INFECTIOUS DISEASES. Reference: ESCMID-2023-01
 2. ANTONIO RIVERO ROMAN. Real-life effectiveness of BIC/FTC/TAF in naïve patients with CD4+ less than 200 cells/mL or AIDS events. Funding Agency: GILEAD SCIENCES EUROPE LTD. Reference: Gilead-ISR-2021-01

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Luque	Huertas	Raúl Miguel	R4	0000-0003-3225-7073
Fuentes	Fayos	Antonio Carlos	R3	
Martínez	Fuentes	Antonio Jesús	R3	
Solivera	Vela	Juan	R3	
Boughanem	Lakhal	Hatim	R2	
Flores	Martínez	Álvaro	R2	
García	García	Miguel	R2	
González	Serrano	Mª Teresa	R2	
Jiménez	Vacas	Juan Manuel	R2	
León	González	Antonio José	R2	
Martínez	García	Araceli	R2	
Moreno	Rodríguez	Mª del Mar	R2	
Pérez	Gómez	Jesús Miguel	R2	
Porcel	Pastrana	Francisco	R2	
Sarmiento	Borges Cabral	André Morais	R2	
Arroyo	Millán	Laura	R1	
de la Rosa	Herencia	Ana de la Salud	R1	
Di-Caro		Isidoro	R1	
Gil	Duque	Ignacio	R1	
Mata	Ordoñez	Fernando	R1	
Núñez	Santos	Miguel Ángel	R1	
Ortega	Bellido	María	R1	
Prats	Escribano	Antonio	R1	
Sánchez	Medianero	Mª Teresa	R1	
Sánchez	Sánchez	Rafael	R1	
Toledano	Delgado	Álvaro	R1	
Valverde	Moyano	Roberto	R1	
Vidal	Miñano	Juana María	R1	
Cuenca	Martagón	Alejandro	T	
Galán	Cañete	Manuel	T	
López	López	Fernando	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Endocrine-Related Cancers	Obesity
Prostate cancer	Intracranial/brain tumors
Splicing/spliceosome	Breast cancer
Inflammasome	Matrisome
microRNAs	RNA-exosome
Non sense- Mediated mRNA Decay	Shelterin/Telomerase
Epigenomics/Epitranscriptomics	Adipose tissue
Diabetes	Molecular heterogeneity
Somatostatin	Ghrelin
Adipokines	Metformin
Statins	Growth Hormone
Diagnostic biomarkers	Prognostic biomarkers
Therapeutic tools	Preclinical models

» HIGHLIGHTED PUBLICATIONS:

1. Torrecilla-Parra M, Pardo-Marqués V, Fuentes-Fayos AC, G-García ME, Fernández-de Frutos M, López-Aceituno JL, Puigdueta C, Zamora C, Pérez-García A, Aranda JF, Busto R, Gahete MD, Luque RM, Ramírez CM. MiR-7 inhibits progression of glioblastoma by impairing autophagy resolution, energy metabolism and ECM remodeling. JOURNAL OF EXPERIMENTAL & CLINICAL CANCER RESEARCH. 2025. DOI:10.1186/s13046-025-03504-6. IF: 12,8 Q1 D1

2. Sarmiento-Cabral A, Fuentes-Fayos AC, Ordoñez FM, León-González AJ, Martínez-Fuentes AJ, Gahete MD, Luque RM. From pituitary cells to prostate gland in health and disease: direct and indirect endocrine connections. REVIEWS IN ENDOCRINE & METABOLIC DISORDERS. 2025. 187-203. DOI:10.1007/s11154-025-09948-7. IF: 8 Q1 D1

3. Pérez-Gómez JM, Montero-Hidalgo AJ, Luque RM. GHRH and reproductive systems: Mechanisms, functions, and clinical implications. REVIEWS IN ENDOCRINE & METABOLIC DISORDERS. 2025. 507-524. DOI:10.1007/s11154-024-09931-8. IF: 8 Q1 D1

4. Arenas-Montes J, Alcalá-Díaz JF, García-Fernández H, Gutiérrez-Mariscal FM, López-Moreno A, Luque-Córdoba D, Larriva APAD, Torres-Pena JD, Luque RM, Prodam F, Priego-Capote F, Delgado-Lista J, López-Miranda J, Camargo A. A microbiota pattern associated with cardiovascular events in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2025. 2104-2115. DOI:10.1093/eurheartj/ehaf181. IF: 35,1 Q1 D1

5. Hermán-Sánchez N, del Río-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. MOLECULAR CANCER. 2025. DOI:10.1186/s12943-024-02206-5. IF: 33,9 Q1 D1

» CLINICAL GUIDES:

1. Melmed S, di Filippo L, Fleseriu M, Mercado M, Karavitaki N, Gurnell M, Salvatori R, Tsagarakis S, Losa M, Maffei P, Pereira AM, Geer EB, Katznelson L, van der Lely AJ, Bollerslev J, Esposito D, Webb SM, Zatelli MC, Valassi E, Neggers S, Chanson P, Ho KKY, Ioachimescu AG, Biller BMK, Samson SL, Kaiser UB, Schilbach K, Luque RM, Casanueva FF, Shimon I, Boguszewski CL, Biermasz N, Colao A, Pirchio R, Lamberts SWJ, Kadioglu P, Buchfelder M, Frara S, Chiloiro S, Petersenn S, Gadelha MR, Puig-Domingo M, Luger A, Brue T, Beckers A, Ferone D, Clemmons DR, Greenman Y, Marazuela M, Mortini P, Strasburger CJ, Giustina A. Consensus on acromegaly therapeutic outcomes: an update. NATURE REVIEWS ENDOCRINOLOGY. 11. 718-737. DOI: 10.1038/s41574-025-01148-2

» ACTIVITY:

- N° ONGOING PROJECTS: 10
- N° GRANTED PROJECTS IN 2025: 2
- N° PHD THESES: 1
- N° PATENTS: 2

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. CIBER of Physiopathology of Obesity and Nutrition (CIBERobn).
 2. Spanish Society of Endocrinology and Nutrition (SEEN). Working groups of Neuroendocrinology (NEURO), and Obesity (GOOSEEN). Spanish Molecular Registry of pituitary tumors (REMAH).
 3. Andalusian Society of Endocrinology, Diabetes and Nutrition (SAEDYN). Neuroendocrinology working group.
 4. European Society of Endocrinology (ESE). Endocrine Related Cancers Focus Area, Pituitary and Neuroendocrinology Focus Area, and ESE Young Endocrinologists & Scientists (EYES) Committee.
 5. European Neuroendocrine Association. ENEA Young Researchers Committee (EYRC).
 6. European infrastructure for translational medicine (EATRIS).
 7. European Association for Cancer Research (EACR).
 8. The American Society of Gene & Cell Therapy (ASGCT).
 9. Spanish group of oncology genitourinary (SOGUG).
 10. European Association of Urology (EAU).
 11. Spanish Association for Cancer Research (ASEICA).
 12. National Research Network (RED2022-134397-T) of the Ministry of Science, Innovation and Universities. Interacción entre metabolismo sistémico y celular en cáncer.
 13. Agrifood Campus of International Excellence (ceiA3).
 14. Spanish Bioinformatics Network for Clinical Research (TransBioNet).
 15. Global Engagement Advisory Group of the Endocrine Society (USA).
 16. Spanish Association of Brain and Central Nervous System Tumors (ASTUCE Spain).
 17. OLIGOSPAIN Network.
 18. Spanish group of Neuro-oncology research (GEINO).
 19. Interacciones celulares y sistémicas entre el cáncer y la señalización metabólica. RED2022-134397-T
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2024 - INSTITUTO DE SALUD CARLOS III. ÁLVARO FLORES MARTÍNEZ
 2. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2020 - AGENCIA ESTATAL DE INVESTIGACIÓN. MIGUEL EDUARDO GARCIA GARCIA
 3. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2021 - AGENCIA ESTATAL DE INVESTIGACIÓN. ANA DE LA SALUD DE LA ROSA HERENCIA
 4. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2021 - AGENCIA ESTATAL DE INVESTIGACIÓN. ANTONIO GARCIA ESTRADA
 5. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ROCIO MUÑOZ RODRIGUEZ
 6. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. MANUEL GALAN CANETE
 7. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ALEJANDRO CUENCA MARTAGON
 8. MARIE SKLODOWSKA-CURIE: CO-FUNDING OF REGIONAL, NATIONAL AND INTERNATIONAL PROGRAMMES 2018 - COMISIÓN EUROPEA. ANDRE MORAIS SARMENTO BORGES CABRAL
 9. FORMACIÓN PROFESORADO UNIVERSITARIO “FPU” 2021 (MIU) – ANA DE LA SALUD DE LA ROSA HERENCIA.
 10. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES “FPI” 2022 (MICIN) – ANTONIO PRATS ESCRIBANO.
- 4 AGREEMENTS WITH COMPANIES
- AWARDS:
 1. RAUL LUQUE HUERTAS. PREMIO FUNDACIÓN SEEN A LA TRAYECTORIA DE UN GRUPO EN ENDOCRINOLOGÍA Y NUTRICIÓN. Funding Agency: FUNDACIÓN DE LA SOCIEDAD ESPAÑOLA ENDOCRINOLOGÍA Y NUTRICIÓN

GC28:
NEUROPLASTICITY AND OXIDATIVE STRESS

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Túnez	Fiñana	Isaac	R4	0000-0002-4493-7087
Agüera	Morales	Eduardo	R3	
Caballero	Villarraso	Javier	R3	
Cantarero	Carmona	Irene	R3	
Escribano	Durán	Begoña María	R3	
Galvao	Carmona	Alejandro	R3	
Gómez	Melero	Sara	R3	
Jimena	Medina	Ignacio	R3	
Luque	Carabot	Evelio	R3	
Muñoz	Jurado	Ana	R3	
Peña	Amaro	Jose	R3	
Peña	Toledo	Mª Ángeles	R3	
Rodríguez	Cantalejo	Fernando	R3	
Conde	Gavilán	Cristina	R2	
Feijóo	López	Montserrat	R2	
Galván	Jurado	Alberto	R2	
Gascón	Luna	Felix	R2	
Barbero	Fernández	Rosa María	R1	
Delgado	Campos	Andrés	R1	
García	Navarro	Carmen	R1	
Navarrete	Pérez	Ainoa	R1	
Tienda	Alba	Rafael María	N	
Giraldo	Polo	Ana Isabel	T	
La Torre	Luque	Manuel	T	
Martín	Hersog	Francisco Antonio	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Antioxidant systems	Neuroplasticity
Multiple sclerosis	Transcranial magnetic stimulation
Neurodegenerative diseases	Oxidative stress

» HIGHLIGHTED PUBLICATIONS:

1. Gómez-Melero S, Hassouneh F, Vallejo-Bermúdez IM, Agüera-Morales E, Solana R, Caballero-Villarraso J. Tandem CAR-T cell therapy: recent advances and current challenges. FRONTIERS IN IMMUNOLOGY. 2025. DOI:10.3389/fimmu.2025.1546172.
IF: 5,9 Q1 D2
2. Caballero-Villarraso J, Pons-Villarta S, Cruces-Párraga J, Navarrete-Pérez A, Camargo A, Moreno JA, Túnez I, Agüera-Morales E. Molecular Mechanisms of the Microbiota-Gut-Brain Axis in the Onset and Progression of Stroke. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. DOI:10.3390/ijms262010071.
IF: 4,9 Q1 D3
3. Escribano BM, Valdevira ME, Muñoz-Jurado A, Feijoo M, Agüera E, Caballero-Villarraso J, LaTorre M, Giraldo AI, Santamaría A, Túnez I. The Impact of Sex Hormones on Transcranial Magnetic Stimulation Against the Oxidative Stress in the Pathogenesis of Multiple Sclerosis. BIOMOLECULES. 2025. DOI:10.3390/biom15121714.
IF: 4,8 Q1 D3
4. Boughanem H, Torres-Peña JD, Arenas-de Larriva AP, Romero-Cabrera JL, Gómez-Luna P, Martín-Piedra L, Rodríguez-Cantalejo F, Tinahones FJ, Serrano EMY, Soehnlein O, Perez-Martinez P, Delgado-Lista J, López-Miranda J. Mediterranean diet, neutrophil count, and carotid intima-media thickness in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2024. 719-729. DOI:10.1093/eurheartj/ehae836.
IF: 35,6 Q1 D1
5. Laguna-Muñoz D, Pata MP, Jiménez-Peinado A, Jaén-Moreno MJ, Camacho-Rodríguez C, Pozo GID, Vieta E, Correll CU, Solmi M, Caballero-Villarraso J, Alarcón-Laguna MI, Sarramea F. Mortality from respiratory diseases in individuals with severe mental illness: a large-scale systematic review and meta-analysis of pooled and specific diagnoses. LANCET PSYCHIATRY. 2025. 768-779. DOI: 10.1016/S2215-0366(25)00262-7
IF: 21,10 Q1 D1

» ACTIVITY:

- N° ONGOING PROJECTS: 3
- N° GRANTED PROJECTS IN 2025: 4
- N° CLINICAL TRIALS: 26
- N° PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS:

1. REEM - Red Española de Esclerosis Múltiple

2. PAIDI CTS-624 - Neuroplasticidad y estrés oxidativo

3. CTS-985 - Regeneración Muscular

4. Red Española de Estimulación Cerebral
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:

1. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ANDRES DELGADO CAMPOS
- 16 AGREEMENTS WITH COMPANIES

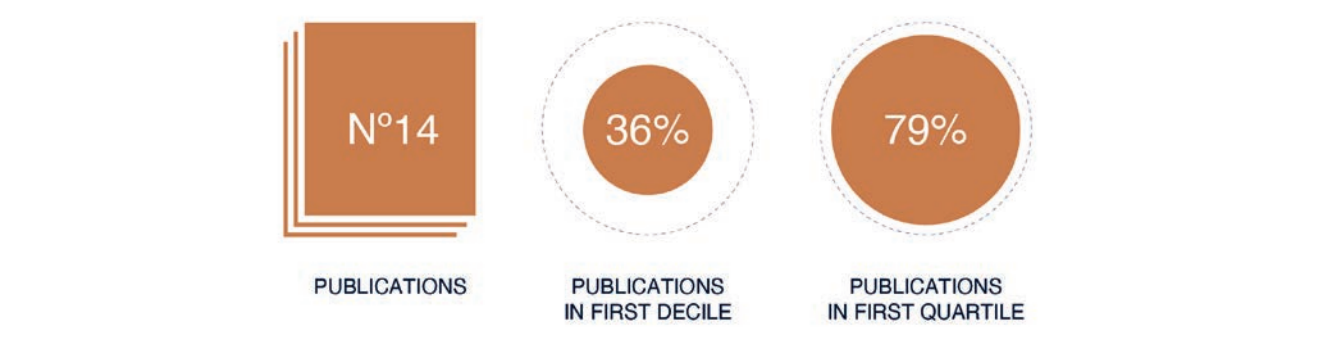
GC29:
INFLAMMATORY IMMUNE-MEDIATED CUTANEOUS DISEASES

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Ruano	Ruiz	Juan Alberto	R4	0000-0002-0286-4107
Vélez	García-Nieto	Antonio	R3	
Galán	Gutiérrez	Manuel	R2	
Gómez	Arias	Pedro Jesús	R2	
Gómez	García	Francisco	R2	
Isla	Tejera	Beatriz	R2	
Aguilar	Luque	Macarena	R1	
Allalou	Ruiz	Yasmin	R1	
Carmona	Fernández	Pedro Jesús	R1	
Gay	Mimbrera	Jesús	R1	
López	García	María	R1	
Rivera	Ruiz	Irene	R1	
Sanz	Cabanillas	Juan Luis	R1	
Cebrián	García	Álvaro	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Alopecia areata	Vitiligo
Single Cell	Scarring alopecias
Tape Strips	PBMCs
Psoriasis	Atopic dermatitis
Dermatology	Quality of evidence

» HIGHLIGHTED PUBLICATIONS:

1. Ungar B, Manson M, Kim M, Gour D, Temboonnark P, Metukuru R, Da Rosa JC, Estrada Y, Gay-Mimbrera J, Gómez-Arias PJ, Ruano J, Shemer A, Hanna D, Burnett P, Guttman-Yassky E. Tape-strip profiling identifies unique immune and lipid dysregulation in patients with seborrheic dermatitis. JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY. 2025. 1277-1287. DOI:10.1016/j.jaad.2025.01.082.
IF: 11,8 Q1 D1
2. Patrick M Brunner, Eden David, Ester Del Duca, Meredith Manson, Agata Kurowski, Malini P Naidu, Lauren R Port, Jesus Gay-Mimbrera, Pedro J Gómez-Arias, Natalia Alkon, Jessica Beaziz-Tordjman, Yeriel Estrada, Yael Renert-Yuval, Juan Ruano, Emma Guttman-Yassky. Transcriptomic profiling of vitiligo patients shows polar immune dysregulation in involved

and uninvolved skin. Journal of Allergy and Clinical Immunology. 2025. 993-1007. DOI: 10.1016/j.jaci.2025.06.002.
IF: 11,7 Q1 D1

3. Gay-Mimbrera J, Lozano-Ojalvo D, Gómez-Arias PJ, Rivera-Ruiz I, Aguilar-Luque M, Mochón-Jiménez C, Pulido EA, Pérez-Alegre M, Guttman-Yassky E, Ruano J. Comprehensive single-cell chromatin and transcriptomic profiling of peripheral immune cells in nonsegmental vitiligo. BRITISH JOURNAL OF DERMATOLOGY. 2025. 115-124. DOI:10.1093/bjd/ljaf041.
IF: 9,6 Q1 D1

4. Olivares-Guerrero M, Daudén E, Riera-Monroig J, González-Quesada A, Sahuquillo-Torralba A, Rivera-Díaz R, Carrascosa JM, Belinchón I, Gómez-García FJ, Herrera-Acosta E, Ruiz-Genao DP, Baniandrés-Rodríguez O, Ferrán M, de la Cueva P, Rodríguez L, Mateu A, Ruiz-Carrascosa JC, Ara-Martín M, Abalde-Pintos MT, Roncero-Riesco M, Pujol-Marco C, García-Donoso C, Llamas-Velasco M, Del Alcázar E, Suárez-Pérez J, Rodríguez-Sánchez B, Díez-Madueño K, Ruiz-Villaverde R, Lezcano-Biosca V, González-Sixto B, Descalzo MA, García-Doval I. Risk of adverse events of psoriasis treatment with biologic agents and new small molecules-BIOBADADERM Registry. JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY. 2025. 1643-1655. DOI:10.1111/jdv.20738.
IF: 8 Q1 D1

5. Gay-Mimbrera J, Gómez-Arias PJ, Alvarez-Heredia P, Batista-Duharte A, Rivera-Ruiz I, Aguilar-Luque M, Juan-Cencerrado M, Mochón-Jiménez C, Cebrián-García A, Andújar-Pulido E, Pérez-Alegre M, Pera A, Ruano J. Integrated single-cell chromatin and transcriptomic analyses of peripheral immune cells in patients with alopecia areata. FRONTIERS IN IMMUNOLOGY. 2025. DOI:10.3389/fimmu.2025.1565241.
IF: 5,9 Q1 D2

» **ACTIVITY:**

- N° ONGOING PROJECTS: 1
- N° CLINICAL TRIALS: 35
- N° PHD THESES: 1
- N° PATENTS: 4

» **ADDITIONAL INFORMATION:**

- NETWORKS:
 1. Cochrane Skin Group
 2. Cochrane Bias Methods Group
 3. Acadenia Española de Dermatología y Venerología
 4. CTS-1041 Nuevos métodos diagnósticos y terapéuticos en enfermedades cutáneas inflamatorias inmunomediadas (PAIDI research group)
 5. Icahn School of Medicine at Mount Sinai, NY, USA
 6. Laboratory of Investigative Dermatology, The Rockefeller University, NY, USA
 7. National Psoriasis Foundation
 8. Acción Psoriasis – Asociación de Pacientes de Psoriasis y Familiares
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ALVARO CEBRIAN GARCIA
 2. CONVOCATORIA DE INCORPORACIÓN DE INVESTIGADORES POSDOCTORALES A GRUPOS DE LOS CENTROS SANITARIOS Y DE INVESTIGACIÓN DEL SSPA 2024 - CONSEJERÍA DE SANIDAD, PRESIDENCIA Y EMERGENCIAS. TERESA LOPEZ VIÑAU LOPEZ
- 29 AGREEMENTS WITH COMPANIES
- AWARDS:
 1. IRENE RIVERA RUIZ. Primer Accésit al Premio Gómez Orbaneja al Mejor Póster del Congreso AEDV Nacional 2025. Irene Rivera Ruiz. Funding Agency: ACADEMIA ESPAÑOLA DE DERMATOLOGÍA Y VENEREOLOGÍA

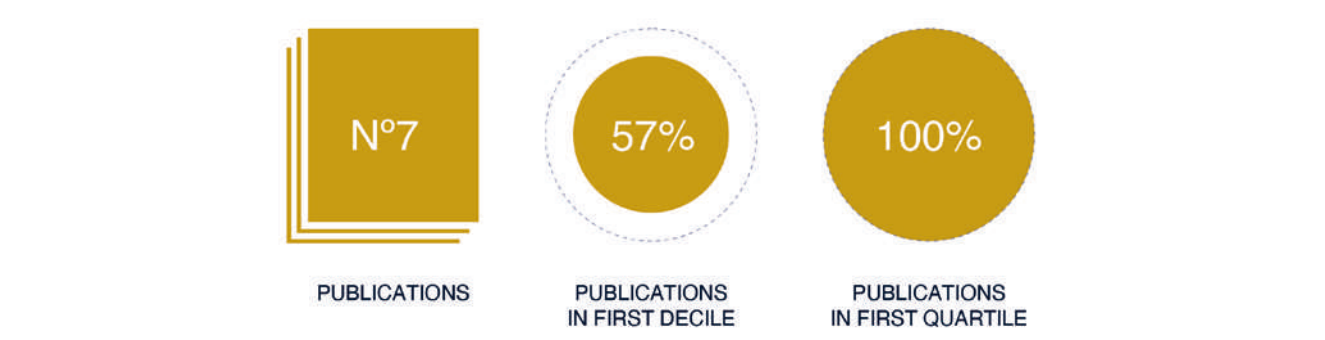
GC30:
MOLECULAR HEPATOLOGY

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» **TEAM**

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Gahete	Ortiz	Manuel David	R4	0000-0002-4578-2179
Hermán	Sánchez	Natalia	R2	
López	Cánovas	Juan Luis	R2	
García	Estrada	Antonio	R1	
Ojeda	Pérez	Betsaida	R1	
Pozo	Relaño	María Isabel	R1	
Serrano	Jiménez	María	R1	
Fernández	Ramirez	Víctor Jesus	T	
Gracia	Herencia	Belén	T	

» **SCIENTIFIC PRODUCTION**



» **KEYWORDS:**

Fatty liver	NAFLD
MAFLD	Cirrhosis
NASH	Liver cancer
Hepatocellular carcinoma	Cholangiocarcinoma
Obesity	Diabetes
Metabolic Syndrome	RNA
Splicing	Spliceosoma
Non-sense mediated decay	NMD
RNA Exosome	tRNA
RNA biogenesis	Protein Synthesis
Endocrine Systems	Somatostatin
Ghrelin	GH
IGF	Hepatokines
Adipokines	Pre-clinical models

» HIGHLIGHTED PUBLICATIONS:

1. Hermán-Sánchez N, del Rio-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. MOLECULAR CANCER. 2025. DOI:10.1186/s12943-024-02206-5.
IF: 33,9 Q1 D1
2. Torrecilla-Parra M, Pardo-Marqués V, Fuentes-Fayos AC, G-García ME, Fernández-de Frutos M, López-Aceituno JL, Puigdueta C, Zamora C, Pérez-García A, Aranda JF, Busto R, Gahete MD, Luque RM, Ramírez CM. MiR-7 inhibits progression of glioblastoma by impairing autophagy resolution, energy metabolism and ECM remodeling. JOURNAL OF EXPERIMENTAL & CLINICAL CANCER RESEARCH. 2025. DOI:10.1186/s13046-025-03504-6.
IF: 12,8 Q1 D1
3. Sarmento-Cabral A, Fuentes-Fayos AC, Ordoñez FM, León-González AJ, Martínez-Fuentes AJ, Gahete MD, Luque RM. From pituitary cells to prostate gland in health and disease: direct and indirect endocrine connections. REVIEWS IN ENDOCRINE & METABOLIC DISORDERS. 2025. 187-203. DOI:10.1007/s11154-025-09948-7.
IF: 8 Q1 D1
4. Martínez-López S, Garcia-Gutiérrez MS, Navarrete F, Gómez-Hurtado I, Zapater P, AAngel E, Juanola O, López-Cánovas J, Boix P, Hadid MC, Puig-Kröger A, Gahete MD, Manzanares J, Caparrós E, Francés R. Aging Deteriorates Blood Brain Barrier Function and Polarizes Adaptive T Cell Expansion Contributing to Neurocognitive Damage in Experimental Cirrhosis. AGING AND DISEASE. 2025. 3112-3127. DOI:10.14336/AD.2024.0932.
IF: 6,9 Q1 D1
5. G-García ME, De la Rosa-Herencia AS, Flores-Martínez A, Ortega-Bellido M, Sánchez-Sánchez R, Blanco-Acevedo C, Gahete MD, Solivera J, Luque RM, Fuentes-Fayos AC. Assessing the diagnostic, prognostic, and therapeutic potential of the somatostatin/cortistatin system in glioblastoma. CELLULAR AND MOLECULAR LIFE SCIENCES. 2025. DOI:10.1007/s00018-025-05687-9.
IF: 6,2 Q1 D2

» ACTIVITY:

- N° ONGOING PROJECTS: 5
- N° PATENTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS:

1. CIBERobn - Centro de Investigación Biomédica en Red - Fisiopatología de la Obesidad y Nutrición

2. Red de Investigación Nacional (RED2022-134397-T) - Ministerio de Ciencia, Innovación y Universidades

3. PAIDI BIO-139 - Endocrinología Celular y Molecular.

4. Grupo de Trabajo de Enfermedad Hepática Metabólica (SEEN - Sociedad Española de Endocrinología y Nutrición).

5. Focus Area: Tumores endocrinos (ESE - Sociedad Europea de Endocrinología).
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:

1. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2021 - INSTITUTO DE SALUD CARLOS III. BETSAIDA OJEDA PEREZ

2. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2020 - AGENCIA ESTATAL DE INVESTIGACIÓN. NATALIA HERMAN SANCHEZ

3. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. VICTOR JESUS FERNANDEZ RAMIREZ

4. PLAN ESTATAL DE INVESTIGACIÓN CIENTÍFICA Y TÉCNICA Y DE INNOVACIÓN - AYUDAS FPU: FORMACIÓN DE PROFESORADO UNIVERSITARIO – MINISTERIO DE UNIVERSIDADES – NATALIA HERMÁN SÁNCHEZ

5. PLAN ESTATAL DE INVESTIGACIÓN CIENTÍFICA Y TÉCNICA Y DE INNOVACIÓN - AYUDAS FPU: FORMACIÓN DE PROFESORADO UNIVERSITARIO – MINISTERIO DE UNIVERSIDADES – ANTONIO GARCÍA ESTRADA
- AWARDS:

1. MANUEL DAVID GAHETE ORTIZ. Dysregulation of RNA-Exosome machinery component EXOSC4 in MASLD-HCC progression. Funding Agency: EUROPEAN SOCIETY OF ENDOCRINOLOGY

2. JUAN LUIS LOPEZ CANOVAS. Papel de EXOSC4 en el desarrollo de enfermedad hepática metabólica inducida por dieta. Funding Agency: FUNDACIÓN DE LA SOCIEDAD ESPAÑOLA ENDOCRINOLOGÍA Y NUTRICIÓN

GC31:

COMPREHESIVE NURSING CARE.MULTIDISCIPLINARY PERSPECTIVE

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
López	Soto	Pablo Jesús	R4	0000-0002-1046-6686
Alanís	López	Joaquín	R3	
Arévalo	Buitrago	Pedro	R3	
Dios	Guerra	Caridad	R3	
Hidalgo	Lopezosa	Pedro	R3	
Morales	Cané	Ignacio	R3	
Crepaldi		Anna	R2	
Cubero	Luna	Ana María	R2	
de la Barrera	Aranda	Elena	R2	
Jiménez	Pastor	José Manuel	R2	
Jiménez	Ruz	Andrea	R2	
Medina	Valverde	Mª José	R2	
Miñarro	del Moral	Rosa	R2	
Montero	Yéboles	Raúl	R2	
Moral	Arroyo	Juan Antonio	R2	
Muñoz	Alonso	Adoración	R2	
Ortiz	Esquinas	Inmaculada	R2	
Priego	Cubero	Emilia	R2	
Rodríguez	Cortés	Francisco José	R2	
Díaz	Vico	Ana	R1	
García	Arcos	Aurora	R1	
López	Coletto	Luna	R1	
Rivas	Cruces	Claudia	R1	
Ruiz	Cañete	Macarena	R1	
Ruz	Cea	Patricia	R1	
Segura	Ruiz	Rocío	R1	
Valverde	León	Mª del Rocío	R1	
Rodríguez	Borrego	Mª Aurora	C	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Integral nursing care	Evidence-based nursing care
Chronobiology	Sleep
Frailty	Physical activity
Non-communicable disease	Intensive care

» HIGHLIGHTED PUBLICATIONS:

1. Arevalo-Buitrago P, Saldana MR, Recio MER, López FJD, Montoro FJC, Collado MJB, Villarejo RC, Martínez AG, Díaz EQ, Gomáriz AAM, García GEC, López-Soto PJ. Impact of a structured educational intervention on the prevention of ocular surface disorders in critically ill patients: A non-randomized clinical trial. INTENSIVE AND CRITICAL CARE NURSING. 2025. DOI:10.1016/j.iccn.2025.104107.
IF: 4,7 Q1 D1
2. Rodríguez-Cortes FJ, Arias-Lopez JA, Oviedo-de la Fuente M, Jimenez-Pastor JM, Lopez-Coleto L, Arevalo-Buitrago P, Lopez-Carrasco JD, Valverde-Leon R, Lopez-Soto PJ, Morales-Cane I. Impact of the environment on health status of intensive care unit patients: Functional data analysis using wearable monitoring systems. INTENSIVE AND CRITICAL CARE NURSING. 2025. DOI:10.1016/j.iccn.2025.104183.
IF: 4,7 Q1 D1
3. Ortiz-Esquinas I, Mazoteran-Pardo V, Martínez-Galiano JM, Ballesta-Castillejos A, Martínez-Rodríguez S, Hernandez-Martinez A. Perception of obstetric violence and risk of post-traumatic stress disorder at 6 months postpartum: an observational study. FRONTIERS IN PSYCHOLOGY. 2025. DOI:10.3389/fpsyg.2025.1712911.
IF: 2,9 Q1 D3
4. Muñoz-Alonso A, Romero-Saldaña M, Rodríguez-Cortés FJ, Rodríguez-Garriguet C, Carretero-Serrano M, Rivas-Cruces C, Tovar-Gálvez MI, López-Soto PJ. Adaptation and validation of the adolescent sleep hygiene scale for Spanish-speaking populations. SLEEP MEDICINE. 2025. DOI:10.1016/j.sleep.2025.106685.
IF: 3,4 Q2
5. Jiménez-Pastor JM, Morales-Cané I, Rodríguez-Cortés FJ, López-Coleto L, Valverde-León R, Arévalo-Buitrago P, Medina-Valverde MJ, de la Fuente-Martos C, Acuña-Castroviejo D, Cruz MME, Luque RM, Sarmiento-Cabral A, López-Soto PJ. Interaction between clock genes, melatonin and cardiovascular outcomes from ICU patients. INTENSIVE CARE MEDICINE EXPERIMENTAL. 2025. DOI:10.1186/s40635-025-00730-2.
IF: 3,1 Q2

» ACTIVITY:

- N° ONGOING PROJECTS: 2
- N° GRANTED PROJECTS IN 2025: 1
- N° PHD THESES: 2

» ADDITIONAL INFORMATION:

- NETWORKS:

1. PAIDI CTS-666 scientific group

2. COST CA20104
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:

1. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. LUNA LOPEZ COLETO
- 1 AGREEMENT WITH COMPANIES

GC32:
APPLIED PSYCHOLOGY

SCIENTIFIC PROGRAM 2: NUTRITION AND ENDOCRINE AND METABOLIC DISEASES

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Luque	Salas	Bárbara	R4	0000-0001-6858-9892
Arenas	Moreno	Alicia	R3	
Castillo	Mayén	Rosario	R3	
Cuadrado		Esther	R3	
Fernández	Calvo	Bernardino	R3	
Moyano	Pacheco	Manuel	R3	
Rubio	García	Sebastian	R3	
Farhane	Medina	Naima Z.	R2	
Gutiérrez	Domingo	Tamara	R2	
Villaécija	Rodríguez	Joaquín	R2	
García	Roldán	Sofía de la Villa	R1	
Marqués	Tejada	Sandra	R1	
Vivas	Herrera	Sebastián	T	
Tabernero	Urbieto	Carmen	C	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Motivation	Diet
Self-efficacy	Cardiovascular disease
Aging	Cope with stress
Women	Emotional self-regulation
Positivity	Management training programs
Emotions	E-health

» HIGHLIGHTED PUBLICATIONS:

1. Rodríguez R, Maldonado MA, Moyano M. Deciphering the incels: A scoping review on empirical research. AGGRESSION AND VIOLENT BEHAVIOR. 2025. DOI:10.1016/j.avb.2025.102093.
IF: 3,4 Q1 D1
2. García-Roldán S, Rubio S, Vivas S, Castillo-Mayén R, Tabernero C, Muñoz C, Luque B. Feasibility and usability study of the ERES: A mobile application to intervene in emotional regulation and self-efficacy in minors with type 1 diabetes. DIGITAL HEALTH. 2025. DOI:10.1177/20552076251348021.
IF: 3,3 Q1 D2

3. da Silva-Sauer L, Costa-Fernandes M, Ferreira BD, Fernandez-Calvo B. Resilience and Mental Health in Community-Dwelling Older Adults: Testing the Moderation Model of Physical Activity and Religiosity. APPLIED RESEARCH IN QUALITY OF LIFE. 2025. 1257-1272. DOI:10.1007/s11482-025-10470-w.
IF: 2,5 Q1 D2

4. Naranjo FL, Maldonado MA, Cuadrado E, Moyano M. Video Games Interventions to Reduce Radicalization and Violent Extremism in Young People: A Systematic Review. GAMES AND CULTURE. 2025. 787-812. DOI:10.1177/15554120231223067.
IF: 1,6 Q1 D2

5. Luque B, Vivas S, Tabernero C, Villaécija J, Farhane-Medina NZ, Castillo-Mayén R. Exploring dietary self-efficacy and emotional well-being in Spanish children with overweight and obesity. CURRENT PSYCHOLOGY. 2025. 1219-1230. DOI:10.1007/s12144-024-07222-8.
IF: 2,6 Q1 D3

» **ACTIVITY:**

• N° ONGOING PROJECTS: 1

» **ADDITIONAL INFORMATION:**

- NETWORKS:
 1. PAIDI HUM-414. Responsable: Bárbara Luque Salas
 2. Instituto de Neurociencias de Castilla Y León “IncyI” - Unidad de Investigación Consolidada de Castilla y León
 3. PAIDI SEJ-544
 4. Laboratorio-Observatorio de Salud Laboral desde la Perspectiva de Género (LAOGEN)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. SOFIA DE LA VILLA GARCIA ROLDAN
 2. FORMACIÓN PROFESORADO UNIVERSITARIO “FPU” (MEC) – SEBASTIÁN VIVAS HERRERA
- INTERNATIONAL PROJECTS
 1. MANUEL MOYANO PACHECO. DigiPatch-MOVING FROM NETWORKED TO PATCHWORKED SOCIETY: MOTIVATIONAL UNPERPINNINGS AND SOCIETAL CONSEQUENCES. Funding Agency: AGENCIA ESTATAL DE INVESTIGACIÓN. Reference: ERANet-CHANSE/PCI2022-135090-2

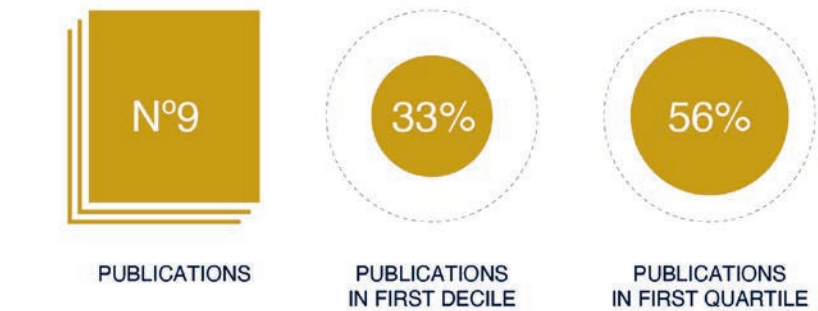
GE05:
GENITOURINARY DISEASES

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» **TEAM**

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Carrasco	Valiente	Julia	R4	0000-0002-3974-3990
Gómez	Gómez	Enrique	R3	0000-0002-8753-3306
Blanca	Pedregosa	Ana María	R2	
Campos	Hernández	Juan Pablo	R2	
Rubio	Galisteo	Juan Manuel	R2	
Anglada	Curado	Francisco	R1	
Chamorro	Castillo	Laura	R1	
Márquez	López	Javier	R1	
Morillo	Tejedor	Ana Cristina	R1	
Ruiz	García	Jesús	R1	
Sánchez	Álvarez	Elisabet	R1	
Sánchez	Ostos	Manuel	R1	
Valero	Rosa	José	R1	

» **SCIENTIFIC PRODUCTION**



» **KEYWORDS:**

Bladder cancer	Diagnosis
Prostata cancer	Prognosis
Kidney transplantation	Predictive
Biomarkers	Robotic laparoscopic surgery

» **HIGHLIGHTED PUBLICATIONS:**

1. Castillo LC, Belenchón IR, Sanz IP, Marengo RS, Claro AVO, Martínez NS, López RM, Soto AJ, Ossorio JLA, Galisteo EG, Valiente JC, Imbroda BH, Jiménez JM, Casas JAV, Rodríguez A, Ortiz AS, Hernández JPC, Gómez EG. Multicenter External Validation and Optimization of a Proposed Nomogram for Prostate-Specific Membrane Antigen PET/CT Accuracy in Biochemical Recurrence. PROSTATE. 2025. 1016-1023. DOI:10.1002/pros.24910.
IF: 2,5 Q2

2. Porcel-Pastrana F, Montero-Hidalgo AJ, Herrero-Aguayo V, Sáez-Martínez P, Perez-Gómez JM, Sarmento-Cabral A, Campos-Hernández JP, Rangel-Zuñiga OA, Carrasco-Valiente J, Martínez-Fuentes AJ, Gahete MD, Gómez-Gómez E, Luque RM. miR-191-5p: A tumour suppressor miRNA and a personalized biomarker and potential therapeutic tool connecting prostate cancer and obesity. Biomed Pharmacother. 2025 Aug;189:118330. doi: 10.1016/j.biopha.2025.118330.
IF: 7,2 Q1 D2

3. Perez Montilla ME, García Jurado PB, Gómez Gómez E, Barranco Acosta S, Lombardo Galera MS, Campos Hernández PJ, Espejo Herrero JJ. Percutaneous ablation of renal tumors in patients with a solitary kidney: medium- to long-term outcomes. Minerva Urol Nephrol. 2025 Jun;77(3):347-355. DOI: 10.23736/S2724-6051.25.06010-0
IF: 5,1 Q1 D2

4. Ng ABCD, Asif A, Agarwal R, Panebianco V, Girometti R, Ghai S, Gómez-Gómez E, Budäus L, Barrett T, Radtke JP, Kesch C, De Cobelli F, Pham T, Taneja SS, Hu JC, Tewari A, Cabello MAR, Dias AB, Mynderse LA, Borghi M, Boesen L, Singh P, Renard-Penna R, Leow JJ, Falkenbach F, Pecoraro M, Giannarini G, Perlis N, López-Ruiz D, Kastner C, Schimmöller L, Rossiter M, Nathan A, Khetrpal P, Chan VWS, Haider A, Clarke CS, Punwani S, Brew-Graves C, Dickinson L, Mitra A, Brembilla G, Margolis DJA, Takwoingi Y, Emberton M, Allen C, Giganti F, Moore CM, Kasivisvanathan V. Biparametric vs Multiparametric MRI for Prostate Cancer Diagnosis The PRIME Diagnostic Clinical Trial. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION. 2025. 1170-1179. DOI:10.1001/jama.2025.13722.
IF: 55 Q1 D1

5. Heidegger I, Frantzi M, Salcher S, Tymoszuk P, Martowicz A, Gomez-Gomez E, Blanca A, Cano GL, Latosinska A, Mischak H, Vlahou A, Langer C, Aigner F, Pühr M, Krogdams A, Trajanoski Z, Wolf D, Pircher A. Prediction of Clinically Significant Prostate Cancer by a Specific Collagen-related Transcriptome, Proteome, and Urinome Signature. EUROPEAN UROLOGY ONCOLOGY. 2025. 652-662. DOI:10.1016/j.euo.2024.05.014.
IF: 9,3 Q1 D1

» **ACTIVITY:**

- N° ONGOING PROJECTS: 4
- N° GRANTED PROJECTS IN 2025: 2
- N° CLINICAL TRIALS: 4
- N° PHD THESES: 1

» **ADDITIONAL INFORMATION:**

- NETWORKS:
 1. Life Length – a biotechnology-based company whose activity focuses on the commercialization of the TAT telomere measurement technique.
 2. PAIDI CTS-172 –Patología urológica
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ELISABET SANCHEZ ALVAREZ
 2. MARIE SKLODOWSKA-CURIE: DOCTORAL NETWORKS (DN) 2023 - COMISIÓN EUROPEA. JULIA CARRASCO VALIENTE
- 13 AGREEMENTS WITH COMPANIES

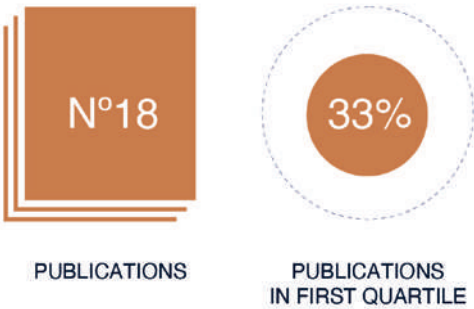
GE06:
PATHOPHYSIOLOGY OF RENAL AND VASCULAR DAMAGE

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» **TEAM**

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID	
Moreno	Gutiérrez	Juan Antonio	R4	0000-0002-7468-2871
Mendoza	García	Francisco Javier	R3	
Pérez	Écija	Rafael Alejandro	R3	
Durán	Torralba	Mª del Carmen	R2	
López	Aguilera	José	R2	
Rodríguez	Almodóvar	Ana María	R2	
Sánchez	Mendoza	Luz Marina	R2	
García	Caballero	Cristina	R1	
Sanz	Zorrilla	Alicia	R1	
Vallejo	Mudarra	Mercedes	R1	

» **SCIENTIFIC PRODUCTION**



» **KEYWORDS:**

Kidney	Intravascular Hemolysis
Hemoglobin	Rhabdomyolysis
Myoglobin	Nrf2
Cell death	Macrophages
Oxidative stress	Podocytes
Acute Kidney Injury	IgA Nephropathy

» **HIGHLIGHTED PUBLICATIONS:**

1. Lopez-Aguilera J, Perea-Armijo J, Muñoz-Villarreal AB, Cepas-Sosa A, Luque-Serrano LM, Aguayo-Caño N, Heredia-Campos GM, Martin-Diaz JD, Gonzalez-Manzanares R, Castillo-Dominguez JC, Crespín-Crespín M, Delgado-Ortega M, Ruiz-Ortiz M, Mesa-Rubio D, Osorio MPA, Anguita-Sanchez M. Nurse Specialising Consultation in Heart Failure: Impact on Drug Titration and Cardiovascular Events in Patients with Heart Failure and Reduced Ejection Fraction. JOURNAL OF CLINICAL MEDICINE. 2025. DOI:10.3390/jcm14186681.
IF: 2,9 Q1 D2

2. Heredia-Campos G, Gonzalez-Manzanares R, Rodríguez-Almodovar A, Moreno JA, Pozuelo I, Perea J, Gallo I, Maestre LC, Hidalgo F, De Lezo JS, Romero M, Mesa D, Espejo S, Pan MN, Ojeda S. Association between subclinical haemolysis and periprocedural outcomes in patients undergoing transcatheter aortic valve replacement. MEDICINA CLINICA. 2025. DOI:10.1016/j.medcli.2025.107143.
IF: 2,1 Q2

3. Boukholda K, Aouey B, Chtourou Y, Elbayoumi E, Guerrero-Hue M, García-Caballero C, Boukholda F, Vallejo-Mudarra M, Sameem B, Chigr F, Bouchard M, Moreno JA, Fetoui H. Silica nanoparticles trigger striatal oxidative stress, apoptosis, and histopathological alterations: in vivo and in silico molecular docking insights. HISTOCHEMISTRY AND CELL BIOLOGY. 2025. DOI:10.1007/s00418-025-02424-y.
IF: 2,1 Q2

4. Anguita-Gámez M, Herrera-Flores J, Bonilla-Palomas JL, Recio-Mayoral A, González-Manzanares R, Domínguez JCC, Lopez-Aguilera J, Muñiz J, Anguita-Sánchez M. Clinical Features and Outcomes of Patients with Heart Failure and Advanced Chronic Kidney Disease. JOURNAL OF CLINICAL MEDICINE. 2025. DOI:10.3390/jcm14238508.
IF: 2,9 Q1 D2

5. Mas-Fontao S, Civantos E, Boukichou-Abdelkader N, Moreno JA, Gomez-Guerrero C, Gálvez MIL, Tuomilehto J, Lind M, Gabriel R, Egido J. Increased tumor necrosis factor-receptor superfamily plasma levels are associated with early renal or retinal involvement in intermediate hyperglycemia. WORLD JOURNAL OF DIABETES. 2025. DOI:10.4239/wjd.v16.i9.106002.
IF: 4,6 Q1 D3

» ACTIVITY:

- N° ONGOING PROJECTS: 2
- N° CLINICAL TRIALS: 1
- N° PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. CIBERCV - CIBER on Cardiovascular Diseases
 2. ERA-EDTA - Immunonephrology Working Group. European Renal Association – European Dialysis and Transplant Association
 3. GLOSEN - Spanish group for glomerulonephritis
 4. FRASEN – Spanish group of acute kidney injury
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. CRISTINA GARCIA CABALLERO
 2. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. MERCEDES VALLEJO MUDARRA

GE07:
VISUAL QUALITY

SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
González	Andrades	Miguel	R4	0000-0003-4632-1267
Jiménez	Gómez	Yolanda	R4	0000-0002-1607-2717
Alba	Molina	David	R3	
Arias	Alcalá	Manuel	R3	
Cano	Ortiz	Antonio	R3	
Domínguez	Pérez	Juan Manuel	R3	
Giménez	Gomez	Rafael	R3	
Granados	Machuca	Mª del Mar	R3	
Ibarra	de la Rosa	Encarnación	R3	
Islam		Mohammad Mirazul	R3	
Labella	Quesada	Fernando	R3	
Martín	Martínez	Francisco	R3	
Reques	Rodríguez	Ricardo	R3	
Villalba	Montoro	Rafael	R3	
Anaya	Alaminos	Roberto	R2	
Contieri	Lambiase	Fabio	R2	
Fernández	Molina	Francisco José	R2	
Giménez-Almenara	Amo	Francisco Javier	R2	
Herrador	Montiel	Mª de los Angeles	R2	
Pérez	Cordobés	Mª José	R2	
Blanco	Blanco	Mario	R1	
Fernández	Choquet de Isla	José Ignacio	R1	
González	López	Ana	R1	
Ortega	Llamas	Laura	R1	
Pérez	Perdomo	Mayelín	R1	
Plugiese	Rojas	Francisco Antonio	R1	
Stoikow	Pino	Indira	R1	
Villalba	González	Marta	R1	
Baños	Gil	Rosa	N	
Ordóñez	Villaizan	Ángela	N	

» **SCIENTIFIC PRODUCTION**



» **KEYWORDS:**

Ophthalmology	Cornea
Retina	Glaucoma
Tissue engineering	Regenerative medicine
Biomedical engineering	Reconstructive Surgery
Drug delivery	Nanomedicine
Nanoparticles	Biomaterials

» **HIGHLIGHTED PUBLICATIONS:**

1. Pérez-Perdomo M, González-Lopez A, Ortega-Llamas L, Alba-Molina D, Blanco-Blanco M, Granados MD, Guerrero-Moreno A, Pflugfelder SC, Ullmer C, Fauser S, Jiménez-Gómez Y, González-Andrades M. Identification of a translatable animal model for dry eye disease using comparative analysis of tear proteins across species. OCULAR SURFACE. 2025. 260-272. DOI:10.1016/j.jtos.2025.05.004.
IF: 5,6 Q1 D1

2. Granados MM, Medina-Bautista F, Navarrete-Calvo R, Argüelles D, Domínguez-Pérez JM, Priego-Capote F, Muñoz-Rascón P, Serrano-Rodríguez JM. Population pharmacokinetics and clinical evaluation of intravenous acetaminophen and its metabolites in Andalusian horses. VETERINARY JOURNAL. 2025. DOI:10.1016/j.tvjl.2025.106357.
IF: 3,1 Q1 D1

3. Alba-Molina D, Cano M, Blanco-Blanco M, Ortega-Llamas L, Jiménez-Gómez Y, Gonzalez-Lopez A, Perez-Perdomo M, Camacho L, Giner-Casares JJ, Gonzalez-Andrades M. Bipyramidal gold nanoparticles-assisted plasmonic photothermal therapy for ocular applications. JOURNAL OF MATERIALS CHEMISTRY B. 2025. 3000-3010. DOI:10.1039/d4tb02688h.
IF: 5,7 Q2

4. Prados-Carmona JJ, Arias-Alcalá M, Prados-Carmona A, Herrador-Montiel MA, Hernando-Molina M, Giménez-Almenara-Amo J. Corneal incision contracture: literature review and report of a novel therapeutic strategy using intrastromal corneal ring segments. INTERNATIONAL OPHTHALMOLOGY. 2025. DOI:10.1007/s10792-025-03551-0.
IF: 1,4 Q3

5. Leiva-Cepas F, Gil-Belmonte MJ, Jimena I, Peña-Toledo MA, Villalba R, Peña-Amaro J. Regenerative response of rat skeletal muscle to the implantation of a collagen-based bone graft substitute: an in vivo study. EUROPEAN JOURNAL OF TRANSLATIONAL MYOLOGY. 2025. DOI:10.4081/ejtm.2025.13574.
IF: 1,8 Q3

» **ACTIVITY:**

- Nº ONGOING PROJECTS: 3
- Nº CLINICAL TRIALS: 3
- Nº PATENTS: 1

» **ADDITIONAL INFORMATION:**

- NETWORKS:
 1. “Ricors-rei” ISCIII. Red de Enfermedades Inflamatorias (RD21/0002/0032)
 2. OFTARED ISCIII - Enfermedades Oculares: Prevención, detección precoz y tratamiento de la patología ocular prevalente, degenerativa y crónica
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2022 (CON SS) - INSTITUTO DE SALUD CARLOS III. MARIO BLANCO BLANCO
 2. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ANA GONZALEZ LOPEZ
- 3 AGREEMENTS WITH COMPANIES

GE09: RESEARCH IN PERITONEAL AND RETROPERITONEAL ONCOLOGICAL SURGERY

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID	
Arjona	Sánchez	Álvaro	R4	0000-0002-3024-3009
Romero	Ruiz	Antonio	R3	0000-0002-7651-9402
Alhama	Carmona	José	R3	
Medina	Fernández	Javier	R3	
Michán	Doña	Carmen	R3	
Rufián	Peña	Sebastián	R3	
Vázquez	Borrego	Mª Carmen	R3	
Casado	Adam	Ángela	R2	
Díaz	López	César	R2	
Ortega	Salas	Rosa	R2	
Sánchez	Hidalgo	Juan Manuel	R2	
Valenzuela	Molina	Francisca	R2	
Barbudo	Lunar	Marina	R1	
Bura		Florina Iulia	R1	
Granados	Rodriguez	Melissa	R1	
Haro	Yuste	Sergio	R1	
Martín	Rodríguez	Cristina	R1	
Martínez	López	Ana	R1	
Rocha	Pezzopane	Rafaela	R1	
Rodríguez	Ortiz	Lidia	R1	
Rufián	Andújar	Blanca	R1	
Moreno	Serrano	Ana	T	
Torres	Martínez	María	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

peritoneal carcinomatosis	HIPEC
pseudomyxoma peritonei	mesothelioma
sarcoma	colon cancer

» HIGHLIGHTED PUBLICATIONS:

1. Sánchez SG, Fernández JG, Cascales-Campos PA, Gil AG, Manzanedo I, Perez FP, Gómez DD, González-de Pedro C, Diaz EA, Sanchez DP, Prada-Villaverde A, Torrejimenó IJ, Lacueva J, Caravaca-García I, Torres-Melero J, Sanchez-Garcia S, Reques ED, Plaza CR, Gutierrez-Calvo A, Bayón LG, Morales-Soriano R, López-Mozos F, Bjelic L, Alvarez JG, Fernandez MEM, Santos ET, García AT, Seoane RA, Armas MA, Garaulet ET, Campos PV, Roda EB, Caro CR, Fadrique AG, Arjona-Sánchez A. Interval Cytoreductive Surgery and Cisplatin- or Paclitaxel-Based HIPEC for Advanced Ovarian Cancer. JAMA NETWORK OPEN. 2025. DOI:10.1001/jamanetworkopen.2025.17676. IF: 9,7 Q1 D1

2. Hamm JJM, van den Berg R, Andrinopoulou ER, Zwanenburg ES, Musters GD, Tanis PJ, Arjona-Sanchez A. Adjuvant hyperthermic intraperitoneal chemotherapy in patients with colon cancer at high risk of peritoneal metastases: individual patient data meta-analysis. BJS-BRITISH JOURNAL OF SURGERY. 2025. DOI:10.1093/bjs/znaf076. IF: 8,8 Q1 D1

3. Moreno-Montilla MT, Pedraza-Arevalo S, Martínez-López A, Blázquez-Encinas R, García-Vioque V, Rodríguez-Ortiz L, Valenzuela-Molina F, Rufián-Andújar B, Granados-Rodríguez M, Ortega-Salas R, Alors-Pérez E, Vázquez-Borrego MC, Romero-Ruiz A, Castaño JP, Arjona-Sánchez A, Ibáñez-Costa A. Exploring RNA biology in pseudomyxoma peritonei uncovers splicing dysregulation as a novel, targetable molecular vulnerability. CANCER GENE THERAPY. 2025. 721-736. DOI:10.1038/s41417-025-00911-x. IF: 5 Q1 D2

4. Cascales-Campos PA, Lacueva FJ, Carbonell-Morote S, Gonzalez-Gil A, Alcaraz-Solano A, Caravaca I, Aranaz V, Gómez-Dueñas G, Gil-Gómez E, Arjona-Sánchez A, Ramia JM. Intraperitoneal Intraoperative Chemotherapy in Advanced Ovarian Cancer: Rethinking the Future Beyond Complete Macroscopic Resection. ANNALS OF SURGICAL ONCOLOGY. 2025. 5616-5623. DOI:10.1245/s10434-025-17432-4. IF: 3,5 Q1 D2

5. Bhatt A, Stepanyan A, Moran BJ, Chi D, Fotopoulou C, Baumgartner JM, Bakrin N, Deraco M, Ferron G, Kepenekian V, Kusamura S, Lavoue V, Al Niaimi A, Arjona-Sanchez A, Sehouli J, Sukumar V, Turaga K, Villeneuve L, Planchamp F, Gutiérrez IZ, Brennan DJ, Glehen O. Peritonectomy procedures for peritoneal surface malignancies: PSOGI-ESGO-ISSPP Lyon consensus. BJS-BRITISH JOURNAL OF SURGERY. 2025. DOI:10.1093/bjs/znaf112. IF: 8,8 Q1 D1

» CLINICAL GUIDES:

1. Bhatt A, Stepanyan A, Moran BJ, Chi D, Fotopoulou C, Baumgartner JM, Bakrin N, Deraco M, Ferron G, Kepenekian V, Kusamura S, Lavoue V, Al Niaimi A, Arjona-Sanchez A, Sehouli J, Sukumar V, Turaga K, Villeneuve L, Planchamp F, Gutiérrez IZ, Brennan DJ, Glehen O. Peritonectomy procedures for peritoneal surface malignancies: PSOGI-ESGO-ISSPP Lyon consensus. BJS-BRITISH JOURNAL OF SURGERY. 6. DOI: 10.1093/bjs/znaf112

» ACTIVITY:

- Nº ONGOING PROJECTS: 4
- Nº GRANTED PROJECTS IN 2025: 1
- Nº CLINICAL TRIALS: 2
- Nº PATENTS: 2

» **ADDITIONAL INFORMATION:**

- NETWORKS:
 1. COST Action: EuroPMP, European network for the study of pseudomyxoma peritonei.
 2. “PSOGI” The Peritoneal Surface Oncology Group International (Lap-CRS+HIPEC registry)
 3. “SEProt” – Spanish Society of Proteomic
 4. REGECOP: registro español de carcinomatosis peritoneal. Promovido por la Sociedad Española de Oncología Quirúrgica SEOQ
 5. EORTC - Member in Gynecology Oncology and Sarcomas.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2021 - INSTITUTO DE SALUD CARLOS III. Mª CARMEN VAZQUEZ BORREGO
 2. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2024 - INSTITUTO DE SALUD CARLOS III. SERGIO PEDRAZA AREVALO
 3. CLÍNICO JUNIOR EN EL TERRITORIO AECC 2024 - ASOCIACIÓN ESPAÑOLA CONTRA EL CÁNCER. BLANCA RUFIAN ANDUJAR
 4. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2024 - INSTITUTO DE SALUD CARLOS III. BLANCA RUFIAN ANDUJAR
 5. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2023 (CON SS) - INSTITUTO DE SALUD CARLOS III. FLORINA IULIA BURA BALAJAN
 6. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS 2024 - INSTITUTO DE SALUD CARLOS III. ÁLVARO ARJONA SANCHEZ
 7. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ANA MORENO SERRANO
 8. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. MARIA TORRES MARTINEZ
- 3 AGREEMENTS WITH COMPANIES
- AWARDS:
 1. ÁLVARO ARJONA SANCHEZ. Premios Lección Maimónides 2024 I Premio al mejor trabajo de investigación clínica - Álvaro Arjona Sánchez. Funding Agency: Fundación para la Investigación Biomédica de Córdoba (FIBICO).

GE10:
CLINICAL AND EPIDEMIOLOGICAL RESEARCH IN PRIMARY CARE
(GICEAP)

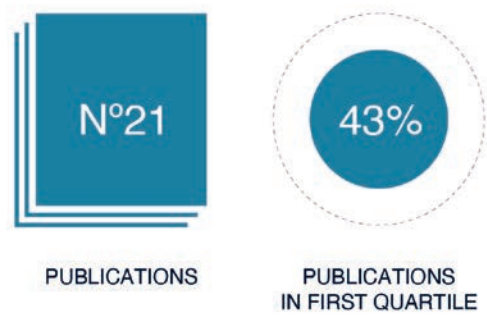
SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» **TEAM**

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Romero	Rodríguez	Esperanza María	R4	0000-0001-5054-3845
Aguado	Taberne	Cristina	R3	
Aparicio	Martínez	Pilar	R3	
Arias	Blanco	Mª del Carmen	R3	
Arias	Vega	Mª Raquel	R3	
Blanco	Hungría	Antonio	R3	
Castro	Jiménez	Rafael Ángel	R3	
Fernández	García	José Ángel	R3	
Fonseca	Del Pozo	Francisco Javier	R3	
González	Blanco	Virginia	R3	
González	Carretero	Juan Ignacio	R3	
González	Lama	Jesús	R3	
Hidalgo	Requena	Antonio	R3	
Jiménez	García	Celia	R3	
Martín	Rioboo	Enrique	R3	
Martínez	Angulo	Pablo	R3	
Montero	Monterroso	José Luis	R3	
Muñoz	Del Castillo	Francisco	R3	
Olaya	Caro	Inmaculada	R3	
Parras	Rejano	Juan Manuel	R3	
Pérula	De Torres	Carlos	R3	
Ramírez	Baena	Miguel	R3	
Ranchal	Sánchez	Antonio	R3	
Redondo	Sánchez	Juana	R3	
Rich	Ruiz	Manuel	R3	
Roldán	Villalobos	Ana	R3	
Ruiz	Moral	Roger	R3	
Ruiz	Moruno	Francisco Javier	R3	
Serrano	Merino	Jesús	R3	
Silva	Aycaguer	Luis Carlos	R3	
Vaquero	Abellán	Manuel	R3	
Villegas	Becerril	Enrique	R3	
Hernández	Ascanio	José	R2	
Leiva	Cepas	Fernando	R2	
López	Ruiz	Victoria	R2	
Moscoso	Jara	Alicia	R2	
Muñoz	Alcaraz	Mª Nieves	R2	
Muñoz	Gómez	Rafaela	R2	

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Navarrete	Martínez	Esther	R2	
Portero	De La Cruz	Silvia	R2	
Damián	García	Rafael	R1	
Díaz	Crespo	Elena	R1	
Gracia	Rodríguez	Raquel	R1	
Marín	González	Beatriz	R1	
Montserrat	Villatoro	Jaime	R1	
Ruiz	Gamarra	Gema Esperanza	R1	
Ruiz	Salcedo	Sofía	R1	
Sánchez	Cañete	Eva María	R1	
Uclés	Torrente	María del Mar	R1	
Padilla	Maestre	Jorge Rafael	N	
Pérula	Jiménez	Celia	N	
Carretero	Anibarro	Enrique	ADM	
Carmona	Casado	Ana Belén	T	
Montes	Redondo	Gertrudis	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Primary care	epidemiology
preventive medicine	applied research
family and community medicine	communication and health
community health	applied research
public health	environment

» HIGHLIGHTED PUBLICATIONS:

1. Perez-Jimenez M, Ucles-Torrente MD, Ruiz-Gamarra GE, Vaquero-Alvarez M, Blancas-Sánchez IM, Aparicio-Martinez P, Vaquero-Abellán M. Social Media Consumption and Risk of Addiction Associated with Adolescent Disordered Eating Behaviour: An Observational Analysis. NUTRIENTS. 2025. DOI:10.3390/nu17183017.
IF: 5 Q1 D2
2. Muñoz-Paz J, Jiménez-Jiménez AB, Hidalgo-Jorge A, Muñoz-Alcaraz MN, Peña-Amaro J, Mayordomo-Riera FJ. Impact of Corticosteroids in Suprascapular Nerve Block on Pain and Function in Chronic Rotator Cuff Disease: A Retrospective, Observational, Longitudinal, Analytical Cohort Study. MEDICAL SCIENCES. 2025. DOI:10.3390/medsci13040252.
IF: 4,4 Q1 D2
3. Ranchal-Lavela C, Casanova-Rodríguez D, Ranchal-Sanchez A, Torre-Aguilar MJD, Jurado-Castro JM. Time- and Dose-Dependent Cardiovascular Effects of Nicotine-Containing Electronic Cigarettes in Young Adults: A Systematic Review and Meta-Analysis. TOXICS. 2025. DOI:10.3390/toxics13100831.
IF: 4,1 Q1 D3

4. Casanova-Rodríguez D, Ranchal-Sánchez A, Rodríguez RB, Jurado-Castro JM. Aerobic Exercise Prescription for Pain Reduction in Fibromyalgia: A Systematic Review and Meta-Analysis. EUROPEAN JOURNAL OF PAIN. 2025. DOI:10.1002/ejp.4783.
IF: 3,4 Q1 D2
5. Curcio F, Vaquero-Abellán M, Meneses-Monroy A, de-Pedro-Jimenez D, Aviles-Gonzalez CI, Romero-Saldaña M. Multicentre prospective study to establish a risk prediction model on pressure injury in the neonatal intensive and intermediate care units. AUSTRALIAN CRITICAL CARE. 2025. DOI:10.1016/j.aucc.2025.101204.
IF: 2,7 Q1 D2

» ACTIVITY:

- N° ONGOING PROJECTS: 4
- N° GRANTED PROJECTS IN 2025: 2
- N° CLINICAL TRIALS: 6
- N° PHD THESES: 4
- N° PATENTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. EGPRN (European General Practice Research Network)
 2. EACH (International Association for Communication in Healthcare)
 3. CIBERFES (CIBER de Fragilidad y Envejecimiento Saludable)
 4. INVESTEN-ISCIH (unidad de Investigación en Cuidados y Servicios de Salud)
 5. Global Burden of Diseases (GBD) Collaborator Network
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ANA BELEN CARMONA CASADO
- 4 AGREEMENTS WITH COMPANIES

GE11:

REDOX PROTEINS IN PATHOPHYSIOLOGICAL PROCESSES

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Requejo	Aguilar	Raquel	R4
Cáceres	Redondo	Mª Teresa	R3
González	Ojeda	Raúl	R3
López	Cuiña	Miguel	R3
Padilla	Peña	Carmen Alicia	R3
Lagal	Ruiz	Daniel José	R2
Montes	Osuna	Antonio Manuel	R1
Ortiz	Alcántara	Ángel	R1
Ortiz	Olivencia	Alberto	R1

» KEYWORDS:

Oxidative Stress	Redoxins
Mitochondria	Thioredoxin
Glutaredoxin	Peroxiredoxin 6
Cell death and proliferation	Cell metabolism
Cell Signalling	Hepatocellular carcinoma
Colon cancer	Neurodegeneration
Parkinson´s Disease	

» ACTIVITY:

- N° ONGOING PROJECTS: 2

» ADDITIONAL INFORMATION:

- NETWORKS:
1. BenBedPhar – COST Action CA20121. 2021-2025. Network for Research in Bench to bedside transition for pharmacological regulation of NRF2 in noncommunicable diseases. Research and Innovation Framework Programme Horizon Europe.

2. PAIDI Group BIO-216

GA01:

LUNG TRANSPLANTS. THORACIC NEOPLASMS

SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Salvatierra	Velázquez	Ángel	R4
Álvarez	Kindelan	Antonio	R3
Moreno	Casado	Paula	R3
Ruiz	López	Eloísa	R3
Algar	Algar	Francisco Javier	R2
Cerezo	Madueño	Francisco	R2
González	García	Francisco Javier	R2
Robles	Arista	Juan Carlos	R2
Cantador	Huertos	Benito	R1
Fernández	González	Alba María	R1

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Lung preservation	Proteomics
Chronic rejection	Genomics
Bronchiolitis obliterans	Lung cancer
Endothelium	Biomarkers
Inflammation	ECMO
Oxidative stress	Ex-vivo lung perfusion

» HIGHLIGHTED PUBLICATIONS:

1. Minasyan A, de la Torre M, Rodríguez JR, Abularach AJ, Román AR, Valentin NN, Serna IM, García PG, Fontana A, Badia GS, García FJG, Velazquez AS, Berjon L, Lera RM, Suarez PR, Coll E, Miñambres E, Domínguez-Gil B, de la Cruz JLCC. Outcomes of controlled DCDD lung transplantation after thoraco-abdominal vs abdominal normothermic regional perfusion: The Spanish experience. JOURNAL OF HEART AND LUNG TRANSPLANTATION. 2025. 697-705. DOI:10.1016/j.healun.2024.09.018.
- IF: 6 Q1 D1

2. Ospina-Serrano AV, González-Larriba JL, Nadal E, Tranco FH, Bosch-Barrera J, Calvo V, Bolufer-Nadal S, de la Cruz JLCC, Macía-Vidueira I, Alvarez-Kindelán A, Del Barco-Morillo E, Bernabé-Caro R, Casal-Rubio J, Cilleruelo-Ramos A, Cobo-Dols M, Dómine-Gómez M, Figueroa-Almánzar S, Insa-Mollá A, Jarabo-Sarceda JR, Jiménez-Maestre U, López-Castro R, Majem M, Martínez-Marti A, Téllez EM, Sánchez-Lorente D, López-Valcárcel M, Couñago F, Garcia-Campelo R, de Castro J, Massuti-Sureda B, Provencio M. Multidisciplinary approach for patients with early and locally advanced non-small cell lung cancer (NSCLC): 2nd Spanish Lung Cancer Group (GECP) expert consensus statement. TRANSLATIONAL LUNG CANCER RESEARCH. 2025. 3299-3322. DOI:10.21037/tlcr-2025-619.
IF: 3,5 Q1

3. González AMF, Lorenzo NM, Huertos BC, Del Río MC, García FJG, Kindelan AA. Mucormycosis Infection in Lung Transplant Patients: Experience in Andalusia, Spain. TRANSPLANTATION PROCEEDINGS. 2025. 70-72. DOI:10.1016/j.transproceed.2024.11.030.
IF: 0,8 Q3

» CLINICAL GUIDES:

1. Ospina-Serrano AV, González-Larriba JL, Nadal E, Tranco FH, Bosch-Barrera J, Calvo V, Bolufer-Nadal S, de la Cruz JLCC, Macía-Vidueira I, Alvarez-Kindelán A, Del Barco-Morillo E, Bernabé-Caro R, Casal-Rubio J, Cilleruelo-Ramos A, Cobo-Dols M, Dómine-Gómez M, Figueroa-Almánzar S, Insa-Mollá A, Jarabo-Sarceda JR, Jiménez-Maestre U, López-Castro R, Majem M, Martínez-Marti A, Téllez EM, Sánchez-Lorente D, López-Valcárcel M, Couñago F, Garcia-Campelo R, de Castro J, Massuti-Sureda B, Provencio M. Multidisciplinary approach for patients with early and locally advanced non-small cell lung cancer (NSCLC): 2nd Spanish Lung Cancer Group (GECP) expert consensus statement. TRANSLATIONAL LUNG CANCER RESEARCH. 9. 3299-3322. DOI: 10.21037/tlcr-2025-619

» ACTIVITY:

- N° ONGOING PROJECTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 - 1. Sociedad española de neumología y cirugía torácica – SEPAR
 - 2. Asociación de neumología y cirugía torácica del sur - NEUMOSUR
 - 3. Sociedad española de cirugía torácica – SECT
 - 4. PAIDI BIO-304: Inmunofarmacología y Virología Molecular
- 2 AGREEMENTS WITH COMPANIES

GA03
PNEUMOLOGY

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID	
Jurado	Gámez	Bernabé	R4	0000-0002-1608-1795
Entrenas	Costa	Luis M	R4	
Cobos	Ceballos	María Jesús	R3	
Marín	Romero	Samira	R3	
Pascual	Martínez	Natalia	R3	
Redel	Montero	Javier	R3	
Vaquero	Barrios	Jose Manuel	R3	
Arenas	De Larriva	Marisol	R2	
Bioque	Rivera	Juan Carlos	R2	
Cadenas de Llano	Conde	María José	R2	
Entrenas	Castillo	Marta	R2	
Hidalgo	Nuchera	Eduardo	R2	
Martín	De León	Roberto	R2	
Mira	Padilla	Estefanía	R2	
Villalba	Moral	Cristina	R2	
Caballero	Ballesteros	Laura	R1	
Gómez	Rebollo	Cristina	R1	
Muñoz	Corroto	Cristina	R1	
Requejo	Jiménez	Antonio	R1	
Rodríguez	Jódar	Antonio	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Lung cancer	Proteomics
Nocturnal Hypoxemia	Metabolomics
Chronic respiratory disease	Epigenetics
Respiratory therapies	Air quality and health
Interventional Pulmonology	Environmental and occupational diseases
Biomarkers in non-invasive samples	Air quality and therapeutic physical exercise

» **HIGHLIGHTED PUBLICATIONS:**

1.

Entrenas-Castillo M, Entrenas-Costa LM, Pata MP, Gamez BJ, Muñoz-Corroto C, Gómez-Rebollo C, Mira-Padilla E, Bouillon R, Quesada-Gomez JM. Latent Class Analysis Reveals, in patient profiles, COVID-19-related better prognosis by calcifediol treatment than glucocorticoids. JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY. 2025. DOI:10.1016/j.jsbmb.2024.106609.
IF: 2,5 Q3

2.

Paez-Vega A, Vaquero-Barrios JM, Ruiz-Arabi E, Iturbe-Fernandez D, Alonso R, Ussetti-Gil P, Monforte V, Pastor A, Fernandez-Moreno R, Mora VM, Erro-Iribarren M, Quezada CA, Berastegui C, Cifrian-Martinez JM, Cano A, Caston JJ, Machuca I, Lobo-Acosta MA, Gutierrez-Gutierrez B, Cantisan S, Torre-Cisneros J. Safety and efficacy of immunoguided prophylaxis for cytomegalovirus disease in low-risk lung transplant recipients in Spain: a multicentre, open-label, randomised, phase 3 noninferiority trial. LANCET REGIONAL HEALTH-EUROPE. 2025. DOI:10.1016/j.lanepe.2025.101268.
IF: 13 Q1 D1

3.

Alvarez P, Navas A, Martí-Antonio M, Bernardo R, Trujillo-Aguilera A, Costa A, Carrero-Chiquillo L, Vaquero JM, de la Fuente C, Molina J, Jurado A. Algorithms for appropriate patient stratification in the face of a new SARS-CoV-2 pandemic. IMMUNITY & AGEING. 2025. DOI:10.1186/s12979-025-00532-w.
IF: 5,6 Q1 D2

4.

Ruiz-Arabi E, Castón JJ, Páez-Vega A, Fernández-Moreno R, Giovagnorio F, Gutiérrez-Gutiérrez B, Cano A, Rodríguez-Benot A, Vaquero-Barrios JM, Machuca I, Vidal E, Cantisán S, Torre-Cisneros J. Quantifying Gamma-Interferon from CMV-Specific CD8+T Cells Defines Protection Against Clinically Significant CMV Infection in Solid Organ Transplant Recipients: The Quanti-CMV Score. MICROORGANISMS. 2025. DOI:10.3390/microorganisms13030589.
IF: 4,2 Q2

» **ACTIVITY:**

- N° CLINICAL TRIALS: 2
- N° PHD THESES: 2

» **ADDITIONAL INFORMATION:**

- NETWORKS:

1.

Sociedad Española de Neumología y Cirugía torácica – SEPAR

2.

Asociación de Neumología y Cirugía Torácica del sur – NEUMOSUR

3.

Asociación Española de Endoscopia Respiratoria y Neumología Intervencionista AERS

4.

European Respiratory Society – ERS

5.

Sociedad Española de Medicina del Sueño

6.

PAIDI CTS-992: Incorporación de nuevos métodos diagnósticos y control de terapias respiratorias.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:

1.

PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO-ANTONIO RODRIGUEZ JODAR
- 7 AGREEMENTS WITH COMPANIES

GA05

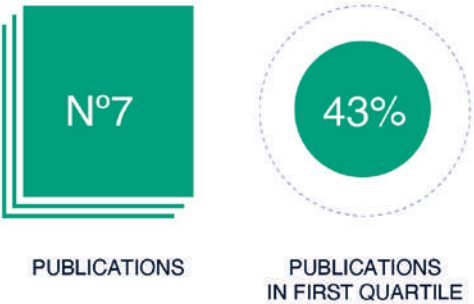
STUDY OF GROWTH. ENDOCRINOLOGY AND CHILD NUTRITION

SCIENTIFIC PROGRAM 2: NUTRITION AND ENDOCRINE AND METABOLIC DISEASES

» **TEAM**

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Ariza	Jiménez	Ana Belén	R4	0000-0002-0585-0886
Jiménez	Reina	Luis	R4	
Cañete	Vázquez	María Dolores	R3	
García	Aldana	David	R3	
García	Martínez	Elena	R3	
González de Caldas	Marchal	Rafael	R3	
Martos	Estepa	Rosario	R3	
Parraga	Quiles	Mª José	R3	
Ruiz	González	Mª Dolores	R3	
Salas	Rodríguez	Monica	R3	
Tofe	Valera	Inés	R3	
Torres	Borrego	Javier	R3	
Valle	Jiménez	Miguel	R3	
Vázquez	Rueda	Fernando	R3	
Gómez	Guzmán	Elena	R1	

» **SCIENTIFIC PRODUCTION**



» **KEYWORDS:**

Child obesity	Gene expression
Metabolic syndrome	Proteomics
Diet	Intrauterine-growth-retardation (IUGR)
Endothelium	Growth hormone (GH)
Inflammation	Food allergy
Cardiovascular biomarkers	

» HIGHLIGHTED PUBLICATIONS:

1.

Ariza-Jimenez AB, Montoro DV, Aguilera PC, Ruiz EP, Frias FJP. Bronchoscopy in the Pediatric Cardiovascular Patient with Persistent Respiratory Pathology. JOURNAL OF CLINICAL MEDICINE. 2025. DOI:10.3390/jcm14186606.

IF: 2,9 Q1 D2

2.

Plaza-Astasio V, Pastor-Villaescusa B, Rico-Prados MC, Mesa-García MD, Párraga-Quiles MJ, Ruiz-González MD, Jaraba-Caballero P, Tofé-Valera I, de la Torre-Aguilar MJ, Ordóñez-Díaz MD. Preventing Sepsis in Preterm Infants with Bovine Lactoferrin: A Randomized Trial Exploring Immune and Antioxidant Effects. NUTRIENTS. 2025. DOI:10.3390/nu17193154.

IF: 5 Q1 D2

3.

Leiva-Gea I, Moreno-Jabato F, Ariza-Jimenez AB, Lendinez-Jurado A, Gómez-Perea A, Romero-Perez MD, Garcia-Garcia E, Mata MAS, Martinez-Moya G, Momblan J, Lechuga-Sancho AM, Gómez-Vida JM, Mier-Palacios M, Ranchal-Perez MD, Vivas-González G, Cabeza PC, Fernández-Hernández E, Jimenez-Martin AP, Guarino-Narváez J, de Vera-Gómez PR, Martinez-Brocca MA. Glycemic Analysis and Stratification of Pediatric Patients with Type 1 Diabetes Using isCGM in Southern Spain: Insights from the Andiacare Digital Platform. JOURNAL OF CLINICAL MEDICINE. 2025. DOI:10.3390/jcm14176243.

IF: 2,9 Q1 D2

4.

Porcel-Chacón R, Tapia-Ceballos L, Ariza-Jimenez AB, Gómez-Perea A, Jiménez-Hinojosa JM, López-Siguero JP, Leiva-Gea I. Differences in Metabolic Control Between Different Insulin Use Patterns in Pediatric Patients with Type 1 Diabetes Through Intermittent Glucose Monitoring. DISEASES. 2025. DOI:10.3390/diseases13080254.

IF: 3 Q2

5.

Gupta A, Messa ID, Valverde-Molina J, Murray CS, Moral L, Borrego JT, Pike K, Díaz-Izquierdo A, Martínez-Cañavate A, Nagakumar P, Cook J, Gupta L. Protocol for an open labelled observational study in children & adolescents with severe asthma with an eosinophilic phenotype treated with mepolizumab (CASAM). PLOS ONE. 2025. DOI:10.1371/journal.pone.0335399.

IF: 2,6 Q2

» ACTIVITY:

- N° ONGOING PROJECTS: 1
- N° CLINICAL TRIALS: 11

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. CIBERobn: CIBER on Obesity and Nutrition
 2. PAIDI CTS-329: Estudio del crecimiento. Endrocrinología y Nutrición
- INTERNATIONAL PROJECTS
 1. DAVID GARCIA-ALDANA. Estudio Protocolo UMBRELLA SIOP-RTSG 2016 – Investigación integrada y guías para diagnóstico y terapia estandarizados de tumores de riñón en niños, adolescentes y adultos jóvenes. Código del promotor (German Clinical Trial Registrer Number): DRKS00011208. UTN: U1111-1196-3034. EUDRACT 2016-004180-39
 2. Fernando Vázquez Rueda. MANAGEMENT AND OUTCOME OF NEUROENDOCRINE TUMORS OF THE APPPENDIX IN CHILDREN; A MULTICENTER HISTORICAL COHORT STUDY". (FW:2024-25 FW R-000114 DSA Appendix NET study). 2024. Universidad de Amsterdam UMC. Prof. LWE Van Heurn.
- AWARDS:
 1. JAVIER TORRES BORREGO - ECFSPR Grant 2024. Funding Agency: EUROPEAN CYSTIC FIBROSIS SOCIETY

GA08
RADIOLOGY

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Álvarez	Benito	Marina	R4	0000-0002-0273-3393
Benito	Ysamat	Alberto	R3	
Vicente	Rueda	Josefa	R3	
Barranco	Acosta	Sara	R2	
Blanco	Negrero	Marta	R2	
Bravo	Rey	Isabel María	R2	
Bravo	Rodríguez	Francisco de Asís	R2	
Cara	García	María	R2	
Contreras	De Miguel	Elvira	R2	
Cortés	García	José Ignacio	R2	
Delgado	Acosta	Fernando	R2	
Elias	Cabot	Esperanza	R2	
Escribano	Fernández	José	R2	
Espejo	Herrero	Juan José	R2	
Espejo	Pérez	Simona	R2	
Fernández	López	Isabel María	R2	
Fernández	Ruiz	Benito	R2	
Fernández	Valverde	Francisco	R2	
García	Jurado	Pedro Blas	R2	
García	Ortega	MªJosé	R2	
García-Revillo	García	José	R2	
Gordillo	Arnau	José Enrique	R2	
Izquierdo	Palomares	Lucía Nuria	R2	
Jiménez	Gómez	Elvira	R2	
Lombardo	Galera	Mª Sagrario	R2	
López	Ruiz	Daniel	R2	
Martínez	Morillo-Velarde	Belén	R2	
Mesa	Quesada	Juan	R2	
Muñoz	Carrasco	Rafaela	R2	
Muñoz	Sánchez	Raquel	R2	
Oteros	Fernández	Rafael	R2	
Pedrosa	Garriguet	Margarita	R2	
Pérez	Montilla	Mª Eugenia	R2	
Pulido	Carmona	Cristina	R2	
Ramos	Gómez	Manuel	R2	
Raya	Povedano	José	R2	
Roldán	Romero	Elisa	R2	
Romero	Martín	Sara	R2	
Rudski	Ricondo	Luciana	R2	

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Sanabria	Gay	Ana Belén	R2	
Segui	Azpilicueta	Pedro	R2	
Tienda	Flores	M ^a José	R2	
Amate	Rivas	Cristina	T	
Cerro	Luna	Ana Isabel	T	
Gallego	Casanueva	Julia	T	

» **SCIENTIFIC PRODUCTION**



» **KEYWORDS:**

Stem cells	Pathochrony
Arterial ischemia of the lower limbs	Radiological assessment of response to drugs
Therapeutic angiogenesis	Diagnostic radiological scans
Neoplasms	

» **HIGHLIGHTED PUBLICATIONS:**

1. Ng ABCD, Asif A, Agarwal R, Panebianco V, Girometti R, Ghai S, Gómez-Gómez E, Budäus L, Barrett T, Radtke JP, Kesch C, De Cobelli F, Pham T, Taneja SS, Hu JC, Tewari A, Cabello MAR, Dias AB, Mynderse LA, Borghi M, Boesen L, Singh P, Renard-Penna R, Leow JJ, Falkenbach F, Pecoraro M, Giannarini G, Perlis N, López-Ruiz D, Kastner C, Schimmöller L, Rossiter M, Nathan A, Khetrpal P, Chan VWS, Haider A, Clarke CS, Punwani S, Brew-Graves C, Dickinson L, Mitra A, Brembilla G, Margolis DJA, Takwoingi Y, Emberton M, Allen C, Giganti F, Moore CM, Kasivisvanathan V. Biparametric vs Multiparametric MRI for Prostate Cancer Diagnosis The PRIME Diagnostic Clinical Trial. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION. 2025. 1170-1179. DOI:10.1001/jama.2025.13722.
IF: 55 Q1 D1

2. Maestre-Luque LC, Gonzalez-Manzanares R, Hidalgo F, de Lezo JS, Romero M, Gutiérrez-Barrios A, Gallo I, Herrera C, Espejo-Perez S, Fernández-López O, Alcázar-Caballero RM, Ojeda S, Pan M. Intracoronary infusion of autologous bone marrow mononuclear cells in patients with chronic total occlusions and left ventricular dysfunction: the BMMC/CTO trial. STEM CELL RESEARCH & THERAPY. 2025. DOI:10.1186/s13287-025-04854-w.
IF: 7,3 Q1 D1

3. Jurado PBG, Herrero JJE, Galera MSL, Montilla MEP, Acosta SB, García JGR, Ugalde PF, Benito MA. Impact of the clinical role of interventional radiologists: results of the CLINTERVENTIONAL randomized controlled trial. EUROPEAN RADIOLOGY. 2025. 7658-7668. DOI:10.1007/s00330-025-11757-0.
IF: 4,7 Q1 D2

4. Perez Montilla ME, García Jurado PB, Gómez Gómez E, Barranco Acosta S, Lombardo Galera MS, Campos Hernández PJ, Espejo Herrero JJ. Percutaneous ablation of renal tumors in patients with a solitary kidney: medium-to long-term outcomes. MINERVA UROLOGY AND NEPHROLOGY. 2025. 347-355. DOI:10.23736/S2724-6051.25.06010-0.
IF: 4,2 Q1 D2

5. Jurado PBG, Herrero JJE, Galera MSL, Montilla MEP, Acosta SB, García-Revilla J, Ugalde PF, Benito MA. CLINTERVENTIONAL protocol: a randomized controlled trial to evaluate clinical consultations and audiovisual tools for interventional radiology. EUROPEAN RADIOLOGY EXPERIMENTAL. 2025. DOI:10.1186/s41747-024-00545-y.
IF: 3,6 Q1 D2

» **CLINICAL GUIDES:**

1. Martín MV, Lendoiro SL, Flores NS, Gomez EJ, Villayandre JMA, Datino T, Alvarez PN, Díaz EMG, Alabart NB, Valiente TB, Aizpurua DA, Moreiras JM, Alvarez BC. Occupational exposure to ionizing radiation in pregnant staff. Consensus document of ACI-SEC/ARC-SEC/SERVEI/SENr/SERAM/GeNI. REC-INTERVENTIONAL CARDIOLOGY. 4. 246-254. DOI: 10.24875/RECIC.M25000526

» **ACTIVITY:**

- N° CLINICAL TRIALS: 1
- N° PHD THESES: 1

» **ADDITIONAL INFORMATION:**

- 6 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS:
 1. MARINA ALVAREZ BENITO. MammoScreen - Innovative and safe microwave-based imaging technology to make breast cancer screening more accurate, inclusive and female-friendly. Funding Agency: COMISIÓN EUROPEA. Reference: HORIZON-MISS-2021-CANCER-02-01

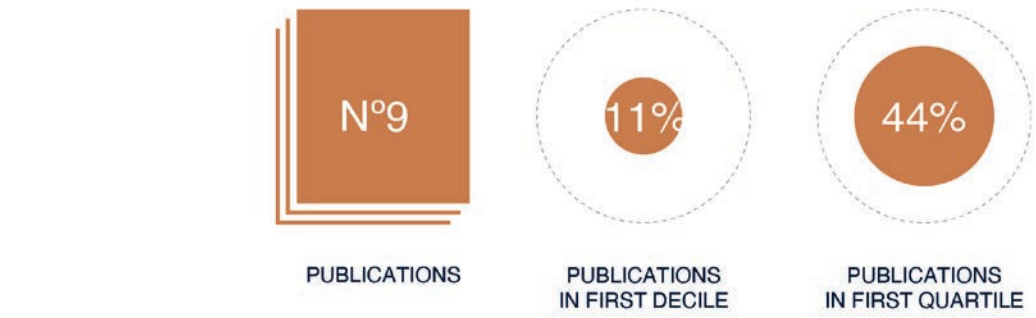
GA09:
CARDIOVASCULAR PATHOLOGY

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Muñoz	Carvajal	Ignacio	R4
Blázquez	Ruiz	Mª del Valle	R3
Casares	Mediavilla	Jaime Guillermo	R3
Chacón	Quevedo	Antonio	R3
De la Fuente	Martos	Carmen	R3
Elías	Fuentes	Agustín	R3
Hervás	Sotomayor	Daniela	R3
Jiménez	Castilla	Agustina	R3
Moya	González	Javier	R3
Pernia	Oreña	Isabel	R3
Sartor	Wunderlin	Lucio	R3
Alados	Arboledas	Pedro José	R2
Merino	Cejas	Carlos Manuel	R2
Zurita	Martínez	Federico	R2
Abril	Ramírez	Cristina	R1
Alcalde	Mayayo	Inmaculada	R1
Alonso	Muñoz	Gema	R1
Batista	Castañeda	Sara Amalia	R1
Bilbao	Carrasco	Lucía	R1
Cabrera	Arenas	Inmaculada	R1
Caliz	Fuentes	Javier	R1
Conejero	Jurado	Mª Teresa	R1
Corral	Del Águila	Antonio	R1
Domínguez	Del Castillo	José Joaquín	R1
González-Caldevilla	Fernández	Alejandro	R1
Illanes	Rosales	Andrés	R1
Jiménez	Sánchez	Mercedes	R1
López	Romero	Rosalía	R1
Mejura	Chávez	Paula Natalia	R1
Moreno	Moreno	Jose Antonio	R1
Pérez	Rivas	Blanca	R1
Sánchez	Marín	Ana María	R1
Torres	Delgado	Eva María	R1
Riballo	Cortés	Raquel	N
Carmona	Trigo	Mª del Camen	ADM
Ferres	Serrano	Juan José	T
López	Jurado	Diego	T
Sereno	Rodríguez	Alejandro	T

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Cardiovascular	Cardiac Surgery
Pathology	Vascular Surgery

» HIGHLIGHTED PUBLICATIONS:

1. Domínguez-del-Castillo JJ, Alvarez-Heredia P, Reina-Alfonso I, Vallejo-Bermúdez MI, López-Romero R, Moreno-Moreno JA, Bilbao-Carrasco L, Moya-Gonzalez J, Muñoz-Calero M, Tarazona R, Solana R, Batista-Duharte A, Muñoz I, Pera A. Divergent Immune Pathways in Coronary Artery Disease and Aortic Stenosis: The Role of Chronic Inflammation and Senescence. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. DOI:10.3390/ijms26115248. IF: 4,9 Q1 D3

2. Friedman P, Murgatroyd F, Boersma LVA, Manlucu J, Knight BP, Clémenty N, Leclercq C, Amin A, Merkely B, Birgersdotter-Green UM, Chan JYS, Biffi M, Knops RE, Engel G, Carvajal IM, Epstein LM, Sagi V, Johansen JB, Sterlinski M, Steinwender C, Hounshell T, Abben R, Thompson AE, Zhang Y, Wiggenhorn C, Willey S, Crozier I, Extravasc ICD Pivotal Study Investigators. Performance and Safety of the Extravascular Implantable Cardioverter Defibrillator Through Long-Term Follow-Up: Final Results From the Pivotal Study. CIRCULATION. 2025. 322-332. DOI:10.1161/CIRCULATIONAHA.124.071795. IF: 38,6 Q1 D1

3. Alvarez P, Navas A, Martí-Antonio M, Bernardo R, Trujillo-Aguilera A, Costa A, Carrero-Chiquillo L, Vaquero JM, de la Fuente C, Molina J, Jurado A. Algorithms for appropriate patient stratification in the face of a new SARS-CoV-2 pandemic. IMMUNITY & AGEING. 2025. DOI:10.1186/s12979-025-00532-w. IF: 5,6 Q1 D2

4. Enríquez-Vázquez D, Barge-Caballero E, González-Vílchez F, Almenar-Bonet L, Carmena MDGC, González-Costello J, Gómez-Bueno M, Castel-Lavilla MA, Díaz-Molina B, Martínez-Sellés M, Mirabet-Pérez S, de la Fuente-Galán L, Hervás-Sotomayor D, Rangel-Sousa D, Garrido-Bravo IP, Blasco-Peiró T, Juan-Aracil GR, Muñiz J, Crespo-Leiroa MG. Impact of left ventricular unloading on postheart transplantation outcomes in patients bridged with VA-ECMO. REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 494-503. DOI:10.1016/j.rec.2024.09.005. IF: 4,9 Q1 D2

5. Jiménez-Pastor JM, Morales-Cané I, Rodríguez-Cortés FJ, López-Coletto L, Valverde-León R, Arévalo-Buitrago P, Medina-Valverde MJ, de la Fuente-Martos C, Acuña-Castroviejo D, Cruz MME, Luque RM, Sarmento-Cabral A, López-Soto PJ. Interaction between clock genes, melatonin and cardiovascular outcomes from ICU patients. INTENSIVE CARE MEDICINE EXPERIMENTAL. 2025. DOI:10.1186/s40635-025-00730-2. IF: 3,1 Q2 D3

» ACTIVITY:

- Nº ONGOING PROJECTS: 2
- Nº CLINICAL TRIALS: 5

» ADDITIONAL INFORMATION:

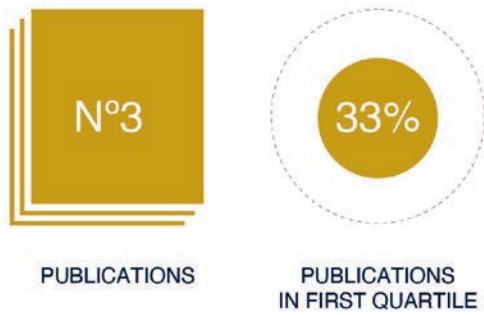
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 - 1. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ANDRES ILLANES ROSALES
- 4 AGREEMENTS WITH COMPANIES

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Vallejo	Casas	Juan Antonio	R3	0000-0002-0315-0157
Albalá	González	Mª Dolores	R1	
Benítez	Velasco	Ana	R1	
de Agrela	Serrao	Ana Sofía	R1	
Fernández	Fernández	Javier	R1	
Guiote	Moreno	Mª Victoria	R1	
Labraca	García	Juan	R1	
López	Cano	Álvaro	R1	
Maza	Muret	Francisco Roberto	R1	
Moreno	Ortega	Estefanía	R1	
Nicolás	Aguado	Manuel	R1	
Rodríguez	Cáceres	Ester	R1	
Rodríguez	Llamas	Andrés Jesús	R1	
Tejerina	Tejerina	Sergio	R1	
Tercero	Garrido	Desirée	R1	
Vallejo	Lesmes	Ana	R1	
Zurera	Pareja	Rocío	R1	
Gómez	Jurado	Carlos	T	
Martín	Ruiz	Antonio	T	
Moriana	Porras	Mª del Carmen	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Nuclear Medicine	Radioisotopes
PET/CT	SPECT/CT
Theranostics	Radioguided surgery
Oncology	

» HIGHLIGHTED PUBLICATIONS:

1. Pinto A, Domínguez M, Gómez-Iturriaga A, Rodríguez-Vida A, Vallejo-Casas JA, Castro E. The role of radium-223 in the evolving treatment landscape of metastatic castration-resistant prostate cancer: A narrative review. CRITICAL REVIEWS IN ONCOLOGY HEMATOLOGY. 2025. DOI:10.1016/j.critrevonc.2025.104678.
IF: 5,6 Q1 D2

2. Castillo LC, Belenchón IR, Sanz IP, Marengo RS, Claro AVO, Martínez NS, López RM, Soto AJ, Ossorio JLA, Galisteo EG, Valiente JC, Imbroda BH, Jiménez JM, Casas JAV, Rodríguez A, Ortiz AS, Hernández JPC, Gómez EG. Multicenter External Validation and Optimization of a Proposed Nomogram for Prostate-Specific Membrane Antigen PET/CT Accuracy in Biochemical Recurrence. PROSTATE. 2025. 1016-1023. DOI:10.1002/pros.24910.
IF: 2,5 Q2 D4

3. Garrido DT, Moreno MVG, Rodelo-Haad C, Puertas PIC, Cabrera SS, González MDA. Peritoneal scintigraphy and spect/ tc in the diagnosis of leaks in patients on peritoneal dialysis. REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR. 2025. DOI:10.1016/j.remnm.2024.500067.
IF: 1 Q4

» ADDITIONAL INFORMATION:

• 3 AGREEMENTS WITH COMPANIES

GA11:
LEARNING AND ARTIFICIAL NEURAL NETWORKS

SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Hervás	Martínez	César	R4
			0000-0001-5549-2848
Durán	Rosal	Antonio M	R3
Fernández	Caballero	Juan Carlos	R3
Guijo	Rubio	David	R3
Gutiérrez	Peña	Pedro Antonio	R4
Rodero	Cosano	Mª Luisa	R3
Salinas	Pérez	José Alberto	R3
Sánchez	Monedero	Javier	R3
Torres	Jiménez	Mercedes	R3
Gómez	Orellana	Antonio	R2
Vargas	Yun	Victor	R2
Ayllón	Gavilán	Rafael	R1
Bérchez	Moreno	Francisco	R1
Moreno	Cano	Francisco	R1
Rivera	Gavilán	Marcos	R1
Contreras	Córdoba	Miguel Ángel	T
Sevilla	Molina	Ángel	T

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Ordinal classification	Convolutional Neural Networks
Artificial neural networks	Scores for liver transplantation
Processing of biomedical images	Explainable artificial intelligence models
Time series segmentation	Regression models
Ordinal regression	Evolutionary computation

» HIGHLIGHTED PUBLICATIONS:

1. Gómez-Orellana AM, Rodríguez-Perálvarez ML, Guijo-Rubio D, Gutiérrez PA, Majumdar A, McCaughan GW, Taylor R, Tsochatzis EA, Hervás-Martínez C. Gender-Equity Model for Liver Allocation Using Artificial Intelligence (GEMA-AI) for Waiting List Liver Transplant Prioritization. CLINICAL GASTROENTEROLOGY AND HEPATOLOGY. 2025. 2187-2196. DOI:10.1016/j.cgh.2024.12.010. IF: 12,2 Q1 D1

2. Ayllón-Gavilán R, Guijo-Rubio D, Gutiérrez PA, Bagnall A, Hervás-Martínez C. Convolutional-and Deep Learning-Based Techniques for Time Series Ordinal Classification. IEEE TRANSACTIONS ON CYBERNETICS. 2025. 537-549. DOI:10.1109/TCYB.2024.3498100. IF: 10,5 Q1 D1

3. Gómez-Rosati, R,Romeo, L,Vargas, VM,Gutiérrez, PA,Frontoni, E,Hervás-Martínez, C. IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS. 2025. vol. 36, (3), pp. 4765-4778. DOI: 10.1109/TNNLS.2024.3360641 IF: 9,7 Q1 D1

4. Calleja R, Rivera M, Guijo-Rubio D, Hessheimer AJ, de la Rosa G, Gastaca M, Otero A, Ramírez P, Boscà-Robledo A, Santoyo J, Gómez LMM, del Moral JV, Fundora Y, Lladó L, Loinaz C, Jiménez-Garrido MC, Rodríguez-Laíz G, López-Baena JA, Charco R, Varo E, Rotellar F, Alonso A, Rodríguez-Sanjuan JC, Blanco G, Nuño J, Pacheco D, Coll E, Domínguez-Gil B, Fondevila C, Ayllón MD, Durán M, Ciria R, Gutiérrez PA, Gómez-Orellana A, Hervás-Martínez C, Briceño J. Machine Learning Algorithms in Controlled Donation After Circulatory Death Under Normothermic Regional Perfusion: A Graft Survival Prediction Model. TRANSPLANTATION. 2025. e362-e370. DOI:10.1097/tp.0000000000005312; 10.1097/TP.0000000000005312. IF: 5 Q1 D1

5. Ayllón-Gavilán, R, Gómez-Orellana, AM, Vargas, VM, Guijo-Rubio, D, Pérez-Aracil, J, Salcedo-Sanz, S, Gutéirrez, PA, Hervá-Martínez, C. Simultaneous multi-step wind speed prediction on multiple farms using multi-task deep learning. INTEGRATED COMPUTER-AIDED ENGINEERING. 2025. vol. 32, (4), pp. 366-378. DOI: 10.1177/10692509251337224 IF: 6,4 Q1 D1

» ACTIVITY:

- Nº ONGOING PROJECTS: 1

» ADDITIONAL INFORMATION:

• NETWORKS: 1

1. PAIDI TIC-148: Aprendizaje y Redes Neuronales Artificiales (AYRNA)

• COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:

1. Contrato Predoctoral UCO 2022 (Submodalidad 2.2 Plan Propio Investigación 2022). Funding Agency: Universidad de Córdoba - FRANCISCO BÉRCHÉZ MORENO

2. CONVOCATORIA DE AYUDAS A LA CONTRATACIÓN PREDOCTORAL DE PERSONAL INVESTIGADOR EN FORMACIÓN. Funding Agency: Consejería de Transformación Económica, Industria, Conocimiento y Universidades de la Junta de Andalucía – ANTONIO MANUEL GÓMEZ ORELLANA

3. JUAN DE LA CIERVA. Funding Agency: Agencia Estatal de Investigación MCIU/AEI/10.13039/501100011033 y la Unión Europea NextGenerationEU/PRTR – DAVID GUIJO RUBIO.

4. PROGRAMA BEATRIZ GALINDO. Funding Agency: Ministerio de Ciencia, Innovación y Universidades - JAVIER SÁNCHEZ MONEDERO.

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Sarramea	Crespo	Fernando	R3	0000-0003-0457-2340
Gutiérrez	Rojas	Luis	R3	
Luque	Luque	Rogelio	R3	
Alcalá	Partera	José Ángel	R2	
Jaén	Moreno	Mª José	R2	
Moreno	Campos	Antonio Jesús	R2	
Prados	Ojeda	Juan Luis	R2	
Alcántara	García	Montserrat	R1	
Arribas	Lozano	Teresa	R1	
Blanco	Quesada	Francisca	R1	
Camacho	Rodríguez	Cristina	R1	
Canalejo	Rodríguez	Ana Isabel	R1	
Carrión	Expósito	Laura	R1	
Castellano	Palma	Ana María	R1	
Chauca	Chauca	Geli Marie	R1	
Del Pozo	Seseña	Gloria Isabel	R1	
Espejo	Obejo	Mª Teresa	R1	
Gómez	Moreno	Cristina	R1	
Laguna	Muñoz	David	R1	
Mellado	Martínez	Mª José	R1	
Montiel	López	Francisco Javier	R1	
Ortiz	Alfaro	Mª José	R1	
Osuna	Carmona	Maribel	R1	
Padilla	Obrero	Leonor	R1	
Polonio	De Dios	Inmaculada	R1	
Prada	Carrasco	Carmen	R1	
Redondo	Ecija	Justa	R1	
Rivera	Hidalgo	Mª Luisa	R1	
Ruiz	Rull	Cristina Esther	R1	
Sánchez	Gallardo	Sonia	R1	
Sánchez	Rodríguez	Araceli	R1	
Valdivia	Romero	Francisca	R1	
Marco	Feced	Mª Amparo	N	
Serrano	Gómez	Inmaculada	N	
Torrecillas	Limonchi	Mª Inmaculada	N	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

severe mental disorder	schizophrenia
bipolar disorder	tobacco cessation
mortality	readiness to change
chronic obstructive pulmonary disease	screening

» HIGHLIGHTED PUBLICATIONS:

- Laguna-Muñoz D, Pata MP, Jiménez-Peinado A, Jaén-Moreno MJ, Camacho-Rodríguez C, Pozo GID, Vieta E, Correll CU, Solmi M, Caballero-Villarraso J, Alarcón-Laguna MI, Sarramea F. Mortality from respiratory diseases in individuals with severe mental illness: a large-scale systematic review and meta-analysis of pooled and specific diagnoses. LANCET PSYCHIATRY. 2025. 768-779. DOI: 10.1016/S2215-0366(25)00262-7
IF: 21,1 Q1 D1
- Laguna-Muñoz D, Jiménez-Peinado A, Jaén-Moreno MJ, Camacho-Rodríguez C, del Pozo GI, Vieta E, Caballero-Villarraso J, Khan MI, Rico-Villademoros F, Sarramea F. Respiratory disease in people with bipolar disorder: a systematic review and meta-analysis. MOLECULAR PSYCHIATRY. 2025. 777-785. DOI:10.1038/s41380-024-02793-1.
IF: 10,1 Q1 D1
- Jaen-Moreno MJ, Aloï M, Alcántara-Montesinos A, Jiménez-Peinado A, Camacho-Rodríguez C, Carbone EA, Rania M, Dapelo MM, Sarramea F, Segura-García C, Moreno-Díaz MJ. Bridging Gaps in Obesity Assessment: Spanish Validation of the Eating Behaviors Assessment for Obesity (EBA-O). NUTRIENTS. 2025. DOI:10.3390/nu17142344.
IF: 5 Q1 D2
- García-Torres F, García-Carmona M, Gómez-Solís A, Jurado-González F, Jablonski M, Jaén-Moreno MJ, Aranda E. Anxiety, depression, quality of life and the mediating role of psychological flexibility: A study on Spanish cancer patients. SCIENTIFIC REPORTS. 2025. DOI:10.1038/s41598-025-06942-6.
IF: 3,9 Q1 D2
- Alcalá JA, Dorado VO, Herrera GDA, Chamón SL, Molinera VG. Optimizing the diagnosis and treatment of depression in primary care: the emerging role of vortioxetine treatment. FRONTIERS IN PSYCHIATRY. 2025. DOI:10.3389/fpsyt.2025.1568777.
IF: 3,2 Q2

» ACTIVITY:

- Nº ONGOING PROJECTS: 1
- Nº CLINICAL TRIALS: 4

» ADDITIONAL INFORMATION:

- NETWORKS:
 - CIBERSAM - Centro de Investigación Biomédica en Red. Salud Mental
 - GETBA - Grupo para el Estudio del Trastorno bipolar en Andalucía
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 - PROGRAMA INVESTIGO 2022 - CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. CRISTINA CAMACHO RODRIGUEZ
- 2 AGREEMENTS WITH COMPANIES

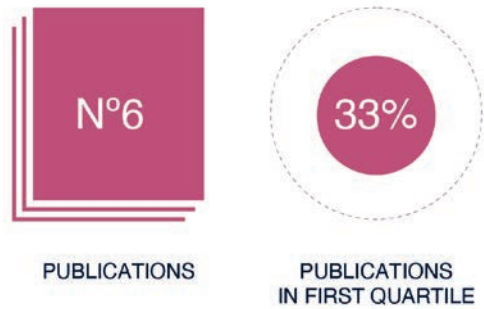
GA13: PREVENTIVE MEDICINE AND PUBLIC HEALTH

SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Salcedo	Leal	Mª Inmaculada	R4	0000-0002-0864-6856
Barranco	Quintana	José Luis	R3	
Farouk	Allam	Mohamed	R3	
Fernández	Antolí	María Pilar	R2	
Guillén	Climent	Silvia	R2	
Onieva	García	María de los Ángeles	R2	
Ruiz	Montero	Rafael	R2	
González	Morales	Laura	R1	
López	Cabrera	Estefanía	R1	
López	Moyano	Juan José	R1	
Lorusso		Nicola	R1	
Montalvo	Pérez	Julia	R1	
Moñiz	Díez	Ana María	R1	
Ropero	Guerrero	Gregoria	R1	
Rubio	Osuna	Francisco	R1	
Serrano	Ortiz	Álvaro	R1	
Velasco	Ruiz	Alejandro	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Public Health	Vaccine uptake
Healthcare associated infections	Adherence
Vaccination	Environmental Biosafety

» HIGHLIGHTED PUBLICATIONS:

1. Recio-Rufian M, López-Viñau T, Gálvez-Soto V, Cano A, Ruiz-Montero R, Gutiérrez-Gutiérrez B, Gracia-Ahufinger I, Peñalva G, Marín-Sanz JA, Marín-Sanz M, Segorbe D, Pineda-Capitán JJ, Muñoz-Rosa M, Riazco C, Giovagnorio F, Ruiz-Arabi E, Torres-Peña JD, Castón JJ, Machuca I, Salcedo-Leal I, Martínez-Martínez L, Pérez-Nadales E, Torre-Cisneros J. Incidence, clinical and genomic trends of hospital- and Non-hospital-onset KPC-producing *Klebsiella pneumoniae* infections before and during the COVID-19 era: a ten-year interrupted time series study. *ANTIMICROBIAL RESISTANCE AND INFECTION CONTROL*. 2025. DOI:10.1186/s13756-025-01614-6. IF: 4,4 Q1 D2

2. Alicia LB, Angeles OGM, Desirée MG, Maximino R, Marilina GA. Utility of Protein Markers in COVID-19 Patients. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*. 2025. DOI:10.3390/ijms26020653. IF: 4,9 Q1 D3

3. Ruiz-Montero R, Serrano-Ortiz A, Rivera-Izquierdo M, Murillo-Rico PG, Moniz-Diez A, Onieva-García MA, Girela-López E, Salcedo-Leal I. Meningococcal Vaccination in High-Risk Patients: A Systematic Approach to Evaluating Coverage and Patient Catch-Up Through Healthcare Databases. *VACCINES*. 2025. DOI:10.3390/vaccines13030287. IF: 3,4 Q2

4. Flores ABG, Ruiz-Montero R, Onieva-García MA, Batista-Duharte A, Cabrera EL, Allam MF, Salcedo I. Safety Profile of the 4CMenB (Bexsero®) Vaccine: A Systematic Review and Meta-Analysis of Adverse Events in Clinical Trials. *VACCINES*. 2025. DOI:10.3390/vaccines13101030. IF: 3,4 Q2

5. Rivera EG, Romero CA, Montero RR, Moyano JJL, Allam MF, Ortiz AS, Leal IS. Incidence of tuberculosis in the city of cordoba and its relationship with areas in need of social transformation: a study from 2015 to 2021. *CENTRAL EUROPEAN JOURNAL OF PUBLIC HEALTH*. 2025. 88-94. DOI:10.21101/cejph.a8452. IF: 0,9 Q4

» ACTIVITY:

- Nº ONGOING PROJECTS: 1
- Nº GRANTED PROJECTS IN 2025: 1
- Nº CLINICAL TRIALS: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 1. SAMPSP - Sociedad Andaluza de Medicina Preventiva y Salud Pública
 2. SEMPSPH - Sociedad Española de Medicina Preventiva y Salud Pública e higiene.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. PROGRAMA INVESTIGO 2022-1 - MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ANA MARIA MONIZ DIEZ
- 2 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS
 1. Mª INMACULADA SALCEDO LEAL. REVERSE - pREvention and management tools for rEducing antibiotic Resistance in high prevalence Settings. Funding Agency: COMISIÓN EUROPEA. Reference: BHC34-2020-01

GA14

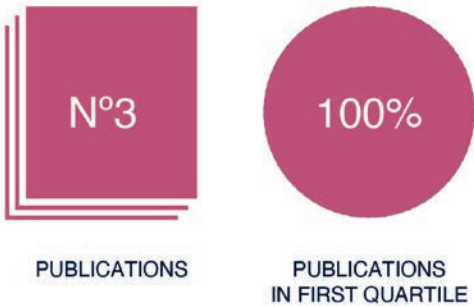
IMMUNOGENOMICS AND MOLECULAR PATHOGENESIS

SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Garrido	Pavón	Juan José	R4
Montoya	González	María	R4
Argüello	Rodríguez	Héctor	R3
García	García	Tránsito	R3
Moreno	López	Ángela	R3
Rodríguez	Ortega	Manuel José	R3
Zaldivar	López	Sara	R3
Jiménez	Marín	Ángeles	R2
Morera	Sanz	Luis	R2
Entrenas	García	Carmen	R1
Fernández	Rodríguez	Raúl	R1
Martínez	Ruiz	Sergio	R1
Ortiz	Sanjuán	Juan Manuel	R1
Suárez	Cárdenas	José Manuel	R1

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Host-Pathogen Interplay	Immunometabolism
Zoonosis and emergent diseases	MicroARNs and Immunity
SARS-CoV-2	OMVs, extracelular vesicles
Salmonella	

» HIGHLIGHTED PUBLICATIONS:

- Entrenas-García C, Suarez-Cárdenas JM, Fernández-Rodríguez R, Bautista R, Claros MG, Garrido JJ, Zaldivar-López S. miR-215 Modulates Ubiquitination to Impair Inflammasome Activation and Autophagy During Salmonella Typhimurium Infection in Porcine Intestinal Cells. ANIMALS. 2025. DOI:10.3390/ani15030431.
IF: 2,7 Q1 D2
- Padilla-Blanco M, García-García T, Grigas J, Lopez-Ayllon BD, Garrido JJ, Oliva MA, Montoya M. Hidden players of COVID-19: the evolving roles of SARS-CoV-2 accessory proteins. FRONTIERS IN IMMUNOLOGY. 2025. DOI:10.3389/fimmu.2025.1726698.
IF: 5,9 Q1 D2
- Prieto-Vega S, Berzal-Herranz A, Garrido JJ, Arias A, Grande-Pérez A, Fernández-Escamilla AM, Montoya M. West Nile virus unmasked: from gene variability to future challenges. FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY. 2025. DOI:10.3389/fcimb.2025.1690827.
IF: 4,8 Q1 D2

» ACTIVITY:

- Nº ONGOING PROJECTS: 2

» ADDITIONAL INFORMATION:

- NETWORKS:
 - Animal Health Research Network (RISA): an initiative coordinated by RLASB (RED2018-102465-T). Ministry of Science and Innovation 2022 call for “RESEARCH NETWORKS.”
 - Competitive Research Unit on Zoonoses and Emerging Diseases of the University of Córdoba (ENZOEM). Approved by the Governing Council of the University of Córdoba on June 9, 2022.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 - Contratos predoctorales para la formación de doctores (FPI 2023, Ref PRE2023/PID2022-142887OB-I00). Ministerio de Ciencias e Innovación – José Manuel Suárez Cárdenas.
 - Ayudas para la Formación de Profesorado Universitario correspondiente al año 2021 (FPU21, Ref: FPU21/02445). Ministerio de Universidades (MUNI) – Antonio Romero Guillén

SCIENTIFIC PROGRAM 2: NUTRITION AND ENDOCRINE AND METABOLIC DISEASES

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Moreno	Rojas	Rafael	R3
Cámara	Martos	Fernando	R3
Moreno	Rojas	Jose Manuel	R3
Pereira	Caro	Mª Gema	R3
Hernández	Reyes	Alberto	R2
Moreno	Ortega	Alicia	R2

» SCIENTIFIC PRODUCTION



PUBLICATIONS



PUBLICATIONS
IN FIRST DECILE



PUBLICATIONS
IN FIRST QUARTILE

» KEYWORDS:

Polyphenols	In vitro digestion
Carotenoids	Design of new foods
Bioavailability	Functional foods
Bioaccessibility	Antinutritive compounds
Biological activity	Plant breeding
Glucosinolates	Fatty acids
Fibre	Brassica
Turnip tops	Mustards
Near infrared reflectance spectroscopy	Borage
Gamma linolenic acid	Mineral
Gastronomy	

» HIGHLIGHTED PUBLICATIONS:

1. Caceres-Jimenez S, Molinero N, Cueva C, Dobani S, Pourshahidi KL, Gill CIR, Tuohy KM, Moreno-Rojas JM, Crozier A, Bartolome B, Moreno-Arribas MV, Pereira-Caro G. Fecal fermentation of human ileal fluid after mango intake impacts on colonic microbiota and microbial (poly)phenol catabolism. FOOD RESEARCH INTERNATIONAL. 2025. DOI:10.1016/j.foodres.2025.117217.
IF: 8 Q1 D1

2. Cáceres-Jiménez S, Pereira-Caro G, Dobani S, Pourshahidi K, Gill CIR, Moreno-Rojas JM, Almutairi TM, Clifford MN, Crozier A. Interpretation of plasma pharmacokinetics and urinary excretion of phenolic metabolites and catabolites derived from (poly)phenols following ingestion of mango by ileostomists and subjects with a full gastrointestinal tract: complications associated with endogenous and ingested phenylalanine and tyrosine. FOOD & FUNCTION. 2025. 7761-7778. DOI:10.1039/d5fo02745d.
IF: 5,4 Q1 D2

3. Capitán-Gutiérrez JM, Moreno-Ortega A, Valero E, Urrialde R, Moreno-Rojas R. Nutritional Assessment of the Healthy Eating Plate as Graphic Tool from Food Dietary Guidelines. FOODS. 2025. DOI:10.3390/foods14193377.
IF: 5,1 Q1 D3

4. Sánchez-Parra M, Lopez A, Moretti VM, Ordóñez-Díaz JL, Moreno-Rojas JM. Effect of Industrial Processing on the Volatile Organic Compound Fingerprint of Dry-Cured Tuna. FOODS. 2025. DOI:10.3390/foods14040592.
IF: 5,1 Q1 D3

5. Elhawary SMA, Ordóñez-Díaz JL, Nicolaie F, Montenegro JC, Teliban GC, Cojocar A, Moreno-Rojas JM, Stoleru V. Quality Responses of Sweet Pepper Varieties Under Irrigation and Fertilization Regimes. HORTICULTURAE. 2025. DOI:10.3390/horticulturae11020128.
IF: 3 Q1 D2

» ACTIVITY:

- N° ONGOING PROJECTS: 4

» ADDITIONAL INFORMATION:

- NETWORKS: 1
 - 1. Grupo PAIDI AGR 013. Calidad Alimentaria y Nutrición.

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Molina	Recio	Guillermo	R3
Castillo	Secilla	José María	R3
Martínez	Pérez	Hector	R3
Membrillo	Del Pozo	Alberto	R3
Molina	Luque	Rafael	R3
Olivares	Bueno	Joaquín	R3
Palomares	Muñoz	Jose Manuel	R3
Alcaide	Leyva	José Manuel	R2
García	Rodríguez	María	R2
Guzmán	García	José Miguel	R2
Jiménez	Mérida	Mª del Rocío	R2
León	García	Fernando	R2
Luque	Alcaraz	Olga María	R2
Romero	Saldaña	Manuel	R2
Vargas	Martínez	Ana Magdalena	R2
Aguilera	López	María Dolores	R1
Arias	Latorre	María Teresa	R1
Cuéllar	Padilla	Joaquín	R1
López	González	Julio Roberto	R1
Martínez	Sánchez	Iago Rafael	R1
Vega-Leal	Pla	Marta	R1
Zafrilla	Sánchez	Sandra	R1
González	Caballero	Antonio	N
Álvarez	Moral	José	T
Casares	Rodríguez	Irene	T
González	Illanes	Rosa	T
Vélez	León	Jose Luis	T
Meneses	Monroy	Alfonso	C
Villena	Esponera	Mª del Pilar	C

» SCIENTIFIC PRODUCTION



» KEYWORDS:

mHealth	International cooperation
eHealth	Prevention
Cardiovascular health	Occupational health
Nutrition	Predictive models
Health promotion	Non-invasive techniques
Critical care	Internet of things
Algorithm and hardware optimization	Artificial Intelligence

» HIGHLIGHTED PUBLICATIONS:

- Naranjo-Rojas A, Perula-de Torres LA, Cruz-Mosquera FE, Molina-Recio G. Efficacy and Acceptability of a Mobile App for Monitoring the Clinical Status of Patients With Chronic Obstructive Pulmonary Disease Receiving Home Oxygen Therapy: Randomized Controlled Trial. JOURNAL OF MEDICAL INTERNET RESEARCH. 2025. DOI:10.2196/65888.
IF: 6 Q1 D1
- Carrasco-Marín F, Parra-Soto S, Guerrero-Wyss M, Araya-Bastias C, Boonpor J, Villagrán-Cerro C, Petermann-Rocha F, Shannon OM, Mathers JC, Livingstone KM, Dingle S, Gálvez-Tejeda S, Hernández-Peregrina A, Pranay N, Molina-Recio G, Pell J, Ho F, Celis-Morales C, Molina-Luque R. Adherence to four dietary indices and the risk of all-cause and cause-specific dementia: Findings from the UK Biobank study. DIABETES OBESITY & METABOLISM. 2025. 5612-5621. DOI:10.1111/dom.16609.
IF: 5,7 Q1 D2
- Chavarro BCD, Romero-Saldaña M, Reveiz JKA, Molina-Recio G. Impact of nutritional screening on mortality and intensive care unit length of stay. FRONTIERS IN NUTRITION. 2025. DOI:10.3389/fnut.2025.1474039.
IF: 5,1 Q1 D2
- Alcaide-Leyva JM, Romero-Saldaña M, García-Rodríguez M, Molina-Luque R, Jiménez-Mérida MD, Molina-Recio G. Metabolic Syndrome in the Amazon: Customizing Diagnostic Methods for Urban Communities. NUTRIENTS. 2025. DOI:10.3390/nu17030538.
IF: 5 Q1 D2
- Arevalo-Buitrago P, Saldana MR, Recio MER, López FJD, Montoro FJC, Collado MJB, Villarejo RC, Martínez AG, Díaz EQ, Gomáriz AAM, García GEC, López-Soto PJ. Impact of a structured educational intervention on the prevention of ocular surface disorders in critically ill patients: A non-randomized clinical trial. INTENSIVE AND CRITICAL CARE NURSING. 2025. DOI:10.1016/j.iccn.2025.104107.
IF: 4,7 Q1 D1

» ACTIVITY:

- Nº ONGOING PROJECTS: 2
- Nº GRANTED PROJECTS IN 2025: 1

» ADDITIONAL INFORMATION:

- NETWORKS:
 - Red de Investigación en Enfermería de Salud Ocupacional - “REDENSO”
 - HUM-298: Laboratorio de estudios sobre convivencia y prevención de la violencia
 - AGR-013: Calidad agroalimentaria y nutrición
 - TEP-226 (PRINIA): Proyectos de ingeniería, informática y automática
 - TIC-252 (GIIA): Informática avanzada (GIIA)

PLATFORMS AND NETWORKS

09



IMIBIC researchers are involved in a wide range of strategic initiatives coordinated by the National Institute of Health Carlos III (ISCIII). These include the Thematic Networks for Cooperative Research in Health (*Redes Temáticas de Investigación Cooperativa en Salud*: RETICs) and the Networked Biomedical Research Centers (*Centros de Investigación Biomédica en Red*: CIBERs), among others. IMIBIC is also part of two European research infrastructures (EATRIS & ECRIN) and several other national and international networks.

Of the 49 groups integrated within the IMIBIC, sixteen are involved in 19 different RETICs, seventeen are involved in 8 CIBERs and there are 34 groups involved in the Andalusian Plan for Research, Development & Innovation (PAIDI Programme).

CIBER			
			
			
RETICS			
			
			
			
			
			

OTHERS			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			

CIBER PROGRAM

Our researchers lead or participate in the following CIBER nodes:

1	CIBER ON OBESITY AND NUTRITION (CIBERobn)
	Dr. José López Miranda
	Dr. Manuel Tena Sempere
	Dr. María Mercedes Gil Campos
	Dr. Mª Mar Malagón Poyato
	Dr. Justo P. Castaño Fuentes
	Dr. Raúl M. Luque Huertas
2	CIBER ON LIVER AND DIGESTIVE DISEASES (CIBERehd)
	Dr. Manuel de la Mata García
	Dr. Francisco Javier Briceño Delgado
3	CIBER ON RARE DISEASES (CIBERER)
	Dr. Eduardo López Laso
4	CIBER ON FRAGILITY AND HEALTHY AGING (CIBERFES)
	Dr. Feliciano Priego Capote
	Dr. Antonio Casado Díaz
	Dr. Manuel Rich Ruiz
5	CIBER ON CANCER (CIBERONC)
	Dr. Enrique Aranda Aguilar
6	CIBER ON MENTAL HEALTH (CIBERSAM)
	Dr. Fernando Sarramea Crespo
7	CIBER ON CARDIOVASCULAR DISEASES (CIBERCV)
	Dr. Manuel Pan Álvarez-Ossorio
8	CIBER ON INFECTIOUS DISEASES (CIBERINFEC)
	Dr. Antonio Rivero Román
	Dr. Julián de la Torre Cisneros

RETICS

ISCIII Networks for Cooperative Research in Health that IMIBIC is involved in:

1	AIDS RESEARCH NETWORK (RIS)
	Dr. Antonio Rivero Román
2	THE SPANISH RENAL RESEARCH NETWORK (REDINREN)
	Dr. Alejandro Martín Malo
	Dr. Mariano Rodríguez Portillo
3	SPANISH NETWORK FOR RESEARCH IN INFECTIOUS DISEASES (REIPI)
	Dr. Julián de la Torre Cisneros
	Dr. Rafael Solana Lara
	Dr. Luis Martínez Martínez
4	PRIMARY CARE PREVENTION AND HEALTH PROMOTION NETWORK (REDIAPP)
	Dr. Esperanza Romero Rodríguez
5	SPANISH NETWORK FOR ASTHMA, ADVERSE AND ALLERGIC REACTIONS (ARADYAL)
	Dr. Carmen Moreno Aguilar
6	THE RESEARCH NETWORK FOR INFLAMMATION AND RHEUMATIC DISEASES (RIER)
	Dr. Eduardo Collantes Estévez
	Dr. Rosario López Pedrera
7	INFLAMMATORY DISEASE NETWORKS (REI)
	Dr. Eduardo Collantes Estévez
	Dr. Rosario López Pedrera
	Dr. Clementina López Medina
8	THE SPANISH NETWORK OF MULTIPLE SCLEROSIS (REEM)
	Dr. Eduardo Agüera Morales
	Dr. Isaac Túnez Fiñana
9	HEALTHCARE RESEARCH UNIT (INVESTÉN-ISCIII)
	Dr. Manuel Rich Ruiz
10	EYE DISEASES: PREVENTION, EARLY DETECTION AND TREATMENT OF PREVALENT, DEGENERATIVE AND CHRONIC OCULAR PATHOLOGY (OFTARED ISCIII)
	Dr. Miguel González Andrades
11	INTERNATIONAL NETWORK OF OCCUPATIONAL HEALTH NURSING (ENSO NETWORK)
	Dr. Guillermo Molina Recio
12	REDHYPOX
	Dr. Eduardo Muñoz Blanco
13	ANDALUSIAN NETWORK OF CAR THERAPY (RANTECAR)
	Dr. Inmaculada Concepción Herrera Arroyo
14	SPANISH PEDIATRIC CLINICAL TRIALS NETWORK (RECLIP)
	Dr. Mª Mercedes Gil Campos
15	SPANISH NETWORK OF MULTIPLE SCLEROSIS (REEM)
	Dr. Eduardo Agüera Morales
16	PRECISION NUTRITION AND PHYSICAL EXERCISE AS MODULATORS OF THE EPIGENOME IN DIET-RELATED PATHOLOGIES (NUTRIEPIGEN)
	Dr. José López Miranda
17	RESEARCH NETWORK ON ADIPOSE PLASTICITY AND RELATED PATHOLOGIES (ADIPOPLAST)
	Dr. Mª del Mar Malagón Poyato

THE ANDALUSIAN PLAN FOR RESEARCH, DEVELOPMENT AND INNOVATION (PAIDI)

Many IMIBIC researchers belong to or lead groups that are part of the Andalusian Plan for Research, Development and Innovation (PAIDI).

PAIDI GROUP	IMIBIC RESEARCHERS
AGR-013	Dr. Rafael Moreno Rojas
AGR-013	Guillermo Molina Recio
BIO-139	Dr. Justo P. Castaño Fuentes
BIO-139	Dr. María del Mar Malagón Poyato
BIO-139	Dr. Raúl Miguel Luque Huertas
BIO-187	Dr. Antonio Romero Ruiz
BIO-216	Dr. Raquel Requejo Aguilar
BIO-301	Dra. María Teresa Roldán Arjona
BIO-304	Dr. Marco A. Calzado Canale
BIO-304	Dr. Paula María Moreno Casado
BIO-310	Dr. Manuel Tena Sempere
CTS-1004	Dr. Rosario López Pedrera
CTS-172	Dr. Ana María Blanca Pedregosa
CTS-179	Dr. Escolástico Aguilera Tejero
CTS-208	Dr. Rafael Solana Lara
CTS-212	Dr. Pablo Pérez Martínez
CTS-234	Dr. Enrique Aranda Aguilar
CTS-260	Dr. Juan Mariano Rodríguez Portillo
CTS-273	Dr. Manuel de la Mata García
CTS-329	Dr. Luis Jiménez Reina
CTS-525	Dr. José López Miranda
CTS-620	Dr. Joaquín Sánchez García
CTS-624	Dr. Isaac Túnez Fiñana
CTS-639	Dr. María Mercedes Gil Campos
CTS-647	Dr. Julián Carlos de la Torre Cisneros
CTS-647	Dr. Luis Martínez Martínez
CTS-666	Dr. Pablo Jesús Lopez Soto
CTS-985	Dr. José Peña Amaro
FQM-227	Dr. Feliciano Priego Capote
HUM-414	Dr. Bárbara Luque Salas
HUM-924	Dr. Juan Antonio Moriana

PAIDI GROUP	IMIBIC RESEARCHERS
TIC-148	Dr. Pedro Antonio Gutiérrez Peña
TIC-161	Dr. Rafael Muñoz Salinas
TIC-252	Dr. José Manuel Palomares Muñoz
HUM-924	Dr. Juan Antonio Moriana
TIC-122	Dr. Sebastián Ventura Soto
TIC-148	Dr. Pedro Antonio Gutiérrez Peña
TIC-161	Dr. Rafael Medina Carnicer
TIC-252	Dr. José Manuel Palomares Muñoz

TRAINING

10



Training is considered a fundamental institutional tool for achieving and improving the scientific objectives of the Institute. Each year, it draws up an extensive programme of events and training activities to promote and deliver quality scientific training to researchers at the Institute, tailored to the different stages of their scientific careers. The programme includes the organisation of an annual program of seminars given by well-known national and international authorities on the latest cutting-edge scientific topics, courses covering concepts related to our current lines of research, as well as practical applications of the latest technologies. Along with these activities, the Institute holds two key training activities: the annual Young Investigators Meeting, aimed at fostering interaction and knowledge exchange among our youngest researchers, and the Maimonides Commemorative Lecture, which includes a lecture given by a leading expert in Biomedicine, and the presentation of awards recognising the work of IMIBIC researchers with leading national and international scientists.

IMIBIC is similarly committed to the generation of talent and runs two postgraduate programmes in collaboration with the University of Córdoba: the Master's degree in Translational Biomedical Research and the PhD programme in Biomedicine. These programmes not only contribute to the professional qualification of students in the field of Biomedical Sciences and to the promotion of teaching, but also attract new scientific talent to the Institute.

» TRAINING PROGRAM DIRECTOR:

- María Encarnación Rodríguez Ortiz, PhD

» TRAINING OFFICER:

- David Luna Gómez



10.1 TRAINING PROGRAMS

PHD IN BIOMEDICINE

IMIBIC leads the PhD Programme in Biomedicine at the University of Córdoba. This programme, interdepartmental and multidisciplinary in scope, offers high-quality, advanced training and the development of human resources for teaching and research. In addition to promoting professional qualifications in the field of Biomedical Sciences, it also attracts new scientific talent to the Institute.

Coordinator of PhD Program in Biomedicine:

- Manuel D. Gahete Ortiz, PhD

Website: <https://www.uco.es/estudios/idep/doctorado-programas-biomedicina>

MASTER'S DEGREES

IMIBIC leads the Master's degree in Translational Biomedical Research at the University of Córdoba. This programme has a dual focus: to train students specialising in this area, as well as personnel specialised in the techniques and methodologies of translational biomedical research, enabling them to carry out technical work in support of research in the field of biomedicine and health.

- Academic Director: Prof. Raúl M. Luque Huertas, PhD.
- Academic Co-Director: Prof. Antonio Jesús Martínez Fuentes, PhD.

Website: <https://www.uco.es/estudios/idep/investigacion-biomedica-traslacional>

COURSES AND WORKSHOPS

Numerous courses, seminars and other training activities in different research areas were held at the IMIBIC during 2025. These can be found in the annexes at the end of this report.

10.2 TRAINING ACTIVITIES

IMIBIC RESEARCH SEMINARS

Regular seminars and research events provide an opportunity to meet renowned national and international speakers covering a wide range of topics in biomedicine. IMIBIC research seminars promote networking and strengthen the knowledge of the Institute's research community. The Institute organises annual seminar series aimed at promoting interaction, sharing ideas, and strengthening links between IMIBIC scientists and recognised scientists from other research institutions. In 2025, a total of 10 external seminars were held.

Furthermore, a cycle of intramural seminars, also gives young (preferentially postdoctoral) researchers from our Institute an opportunity to present work in progress. In 2025, a total of 2 intramural seminars were held.

10.3 INSTITUTIONAL EVENTS

16TH IMIBIC YOUNG INVESTIGATOR MEETINGS

IMIBIC Young Investigator Meetings provide an ideal environment for young scientists to enhance their skills and knowledge as well as an interface to foster translational research from basic experimental science to clinical medicine that will improve health and quality of life. The aim of these meetings is to promote inter-disciplinary research and, above all, high-quality training by sharing the results obtained by young researchers at IMIBIC and related institutions, as well as other groups at the University of Cordoba.

More specifically, the aims of IMIBIC Young Investigator Meetings are:

- To provide a platform to discuss the latest knowledge and methods in translational medical research.
- To promote interaction and the exchange of ideas between pre- and postdoctoral scientists and to strengthen links between research groups.
- To facilitate interdisciplinary actions and communication that bring together basic and clinical researchers.
- To encourage and provide high-quality scientific training for young researchers.
- To establish annual IMIBIC Meetings as a young, vibrant forum of reference for the research community and our young researchers in particular.



16th IMIBIC YOUNG INVESTIGATORS MEETING

PROGRAMME

Day 1 (1st OCT)

08:00 – 08:30

Registration and Poster display

08:30 – 09:00

**Opening ceremony
(IMIBIC Assembly Hall)**

09:00 – 10:30

**Session I. Cancer I
(IMIBIC Assembly Hall)**

Chairs: Dr. Juan Antonio Moreno Gutiérrez and Dr. Francisco Rojas Vega

→ **Ia. 09:00 – 09:15**

Dysregulation of a RNA exosome component: A driving force for prostate cancer progression and metastasis. **Francisco Porcel Pastrana**

→ **Ib. 09:15 – 09:30**

DYRK2 orchestrates MAPK signaling and melanoma therapy resistance. **Miguel Torres Ramos**

→ **Ic. 09:30 – 09:45**

Dysregulation of splicing machinery influences molecular heterogeneity and cellular metabolism of bladder cancer cells. **Ignacio Gil Duque**

→ **Id. 09:45 – 10:00**

Role of alternative splicing in lung neuroendocrine tumors: exploring the OTP-CD44 axis. **Laura Gutiérrez Camacho**

→ **Ie. 10:00 – 10:15**

Microbial profiles in pseudomyxoma peritonei reveal novel findings, including fungal detection. **Rafaela Rocha Pezzopane**

→ **If. 10:15 – 10:30**

Exploring the molecular and immune profile of breast cancer from pregnancy to postpartum: shedding light on the tumor-immune microenvironment during lactation. **Regina Peña Enríquez**

10:30 – 11:00

Coffee Break

11:00 – 12:30

**Session II. Chronic and inflammatory diseases I
(IMIBIC Assembly Hall)**

Chairs: Hatim Boughanem & Dr. André Sarmiento Cabral

→ **IIa. 11:00 – 11:15**

Integrative Multi-Omics stratification of rheumatoid arthritis reveals disease stage-specific profiles and predictors of treatment response. **Ismael Sánchez Pareja**

→ **IIb. 11:15 – 11:30**

FGF23 neutralization leads to impaired vascular dysfunction through modulation of arterial stiffness and vascular remodeling. **Raquel María García Sáez**

→ **IIc. 11:30 – 11:45**

Integrative lipidomic and inflammatory profiling in rheumatoid arthritis: links to disease activity, therapeutic response, and hepatic mechanisms. **Laura Muñoz Barrera**

→ **IId. 11:45 – 12:00**

Clinical and ultrasonographic evaluation in patients with early-onset rheumatoid arthritis: treatment response and histological pathotypes in synovial biopsy. **Andrea Cid Chaves**

→ **IIe. 12:00 – 12:15**

Multi-Omic characterization of systemic lupus erythematosus endotypes: advancing precision understanding of cardiovascular and renal involvement. **Lydia Formanti Alonso**

→ **IIIf. 12:15 – 12:30**

Ferroptosis is involved in renal damage associated to hemoglobin overload in a murine model of Sickle Cell Disease. **Mercedes Vallejo Mudarra**

12:30 – 13:30

**Special Session & Awards – Biomol
(IMIBIC Assembly Hall)**

13:30 – 15:00

Lunch

15:00 – 15:45

**Poster Session I
(IMIBIC Meeting & Multipurpose Room)**

Chairs: Dr. Silvia Fernández Álvarez, Dr. Iván Arias de la Rosa & Dr. David García Galiano

15:45 – 17:15

**Session III. Nutrition
(IMIBIC Assembly Hall)**

Chairs: Dr. Cristian Rodelo Haad & Dr. Alejandro Ibáñez Costa

→ **IIIa. 15:45 – 16:00**

Alterations of the hypothalamic Kiss1 neuronal activity in the arcuate nucleus in response to different diets. **Rodrigo Jiménez Ulloa**

→ **IIIb. 16:00 – 16:15**

Preventing sepsis in preterm infants with bovine lactoferrin: a randomized trial exploring immune and antioxidant effects. **Virginia Plaza Astasio**

→ **IIIc. 16:15 – 16:30**

Hypothalamic SIRT1-mediated regulation of the hormonal trigger of ovulation and its repression in energy

deficit. **Silvia Daza Dueñas**

→ **IIId. 16:30 – 16:45**

3D spheroid models as a novel strategies to analyze obesity-associated adipose tissue dysfunction and fibrosis. **Beatriz González Almécija**

→ **IIIf. 16:45 – 17:00**

Analysis of the role of hepatic kisspeptin system in energy and metabolic homeostasis: Influence of sex and feeding status. **Esperanza Uceda Rodríguez**

→ **IIIIf. 17:00 – 17:15**

Nimacimab, a peripherally restricted CB1R inverse agonist, alleviates diet-induced obesity and improves metabolic function in humanized CB1R Mice. **Francisco José Ponce Díaz**

17:15 – 17:45

Biomedicine & Bioengineering: a practical case (IMIBIC Assembly Hall)

17:45 – 19:15

Session IV. Infectious and immunological diseases (IMIBIC Assembly Hall)

Chairs: Dr. Rafael González Manzanares & Dr. Henning Kirst

→ **IVa. 17:45 – 18:00**

Mortality of bloodstream infections caused by ESBL-producing Enterobacterales in solid organ transplant recipients versus non-transplant patients: a multicentre, international, retrospective matched cohort study (INCREMENT vs INCREMENT-SOT). **Elisa Ruiz Arabi**

→ **IVb. 18:00 – 18:15**

Decoding tissue-specific virulence mechanisms of Salmonella Typhimurium in porcine hosts. **Antonio Romero Guillén**

→ **IVc. 18:15 – 18:30**

Gut microbiome diversity predicts mortality in carbapenemase-producing Klebsiella pneumoniae colonized patients. **Juan Antonio Marín Sanz**



- IVd. 18:30 – 18:45
Emergence of infections caused by carbapenemase-producing *Proteus mirabilis*: OXA-48: analysis of the PROTECOR cohort. **Juan Jesús Pineda Capitán**
- IVe. 18:45 – 19:00
Surveillance of rat Hepatitis E Virus in Nigeria: serological and molecular evidence and associated risk factors. **Lucía Ríos Muñoz**
- IVf. 19:00 – 19:15
Immunometabolic remodeling in the porcine ileum during *Salmonella* infection: insights from Single-Cell RNA sequencing. **José Manuel Suárez Cárdenas**

Day 2 (2nd OCT)

08:00 – 08:30
Registration and Poster display

08:30 – 10:00
Session V. Cancer II
(IMIBIC Assembly Hall)
Chairs: Dr. Juan Luis Romero Cabrera & Dr. Elena Pérez Nadales

- Va. 08:30 – 08:45
The role of RNA methylation and splicing dysregulation in neuroendocrine neoplasms biology. **Daniel Ruiz Palacios**
- Vb. 08:45 – 09:00
A novel feedback loop between DYRK2 and USP28 regulates cancer homeostasis and DNA damage signaling. **Lucía Suanes Cobos**
- Vc. 09:00 – 09:15
Exploring MUC13 as potential therapeutic target in pseudomyxoma peritonei. **Melissa Granados Rodríguez**
- Vd. 09:15 – 09:30
Dysregulation of the matrisome in periprostatic adipose tissue drives prostate cancer progression: oncogenic role of LAMB1/RPSA-receptor axis. **Antonio Prats Escribano**

- Ve. 09:30 – 09:45
Relevance of mRNA metabolism dysregulation in glioblastoma. **Miguel Eduardo García García**
- Vf. 09:45 – 10:00
Differential gene expression analysis according to the CEBPA gene mutational status in Acute Myeloid Leukemia patients. **Esther Prados de la Torre**

10:00 – 10:30
Coffee Break

10:30 – 11:15
Poster Session II (IMIBIC Meeting & Multipurpose Room)
Chairs: Dr. Silvia Fernández Álvarez, Dr. Iván Arias de la Rosa & Dr. David García Galiano

11:15 – 12:45
Session VI. Chronic and inflammatory diseases II (IMIBIC Assembly Hall)

Chairs: Dr. Pedro Gómez Arias & Dr. Antonio Carlos Fuentes Fayos

- VIa. 11:15 – 11:30
Safety and tolerability of diuretics withdrawal in patients with heart failure with reduced ejection fraction. REDICAE trial. **Jesús Alberto Torres Zamudio**
- VIb. 11:30 – 11:45
Distinct ex vivo immune signatures modulated by JAK and TNF inhibitors predict treatment response in biologic and targeted synthetic DMARDs-naïve rheumatoid arthritis Patients. **Sagrario Corrales Díaz-Flores**
- VIc. 11:45 – 12:00
Percutaneous revascularization of chronic total coronary artery occlusions reduce pro-inflammatory and hypoxic status in cardiac microenvironment. **Luis Carlos Maestre Luque**

- VId. 12:00 – 12:15
FGF23 as a bridge between energy metabolism and hypertension in chronic kidney disease. **Antonio Rivas Domínguez**
- VIe. 12:15 – 12:30
Therapeutic modulation of NAD⁺ metabolism in inflammatory rheumatic disorders by TNFi and NAD⁺ precursors. **Beatriz Vellón García**
- VIf. 12:30 – 12:45
Design of 3D scaffolds for hypoximetic drugs-controlled release and their application in wound healing. **Isabel Lastres Cubillo**

12:45 – 13:45
Plenary Lecture (IMIBIC Assembly Hall).

"Harnessing CCR7⁺ Dendritic Cells for Enhanced Cancer Immunotherapy".

Dr. Mauro Di Pilato (MD Anderson Cancer Center).

13:45 – 14:15
Awards and Closing ceremony (IMIBIC Assembly Hall)

This edition consisted of 8 sessions (2 on cancer, 2 on Chronic and inflammatory diseases, 1 on Nutrition, 1 on Infectious and immunological diseases and 2 poster sessions) and two presentation formats: lectures and poster talks. A total of 97 papers were received and the number of registered attendees was 246.

15TH MAIMONIDES COMMEMORATIVE LECTURE AND IMIBIC AWARDS

The aim of this initiative is to recognise the biomedical research carried out by IMIBIC staff and to highlight the importance of the results obtained at the Institute.

The “Enrique Aguilar Benítez de Lugo” award for the best scientific publication of the year led by IMIBIC was granted to the consolidated research group “GC10 Hormonal Regulation of Energy Balance, Puberty and Reproduction” (<https://doi.org/10.1038/s41467-024-52898-y>)

The award for the best clinical research work went to emerging research group “GC09 Nutrigenomics. Metabolic Syndrome” (<https://doi.org/10.1093/eurheartj/ehae836>)

Each year, an outstanding biomedical scientist is invited to present the “Maimónides Lecture”, whic hfocusses on the latest knowledge in basic, applied, and/or translational biomedical science of excellence. In 2025, the guest speaker was Dr. Carlos Simón, specialist in gynaecology and obstetrics, researcher and an internationally recognised authority in reproductive medicine and women’s health.

10.4 RESULTS OF TRAINING ACTIVITIES

DOCTORAL THESES

THESES PRESENTED - ACADEMIC YEAR 2024/2025

PHD STUDENT	THESIS TITLE	IMIBIC GROUP
Francisco Javier González García	EVALUACIÓN DE FACTORES PREDICTIVOS DE MORBIMORTALIDAD Y SUPERVIVENCIA PRECOZ Y TARDÍA EN EL TRASPLANTE DE PULMÓN	GA01 Trasplante pulmonar. Neoplasias torácicas and GC31 Cuidados enfermeros integrales. Perspectiva multidisciplinar
Francisca Valenzuela Molina	PRESIÓN DE OXÍGENO INTRATUMORAL Y HOMEOSTASIS REDOX EN EL PSEUDOMIXOMA PERITONEAL	GE09 Investigación en cirugía oncológica peritoneal y retroperitoneal
Irene Sánchez León	Heterorresistencia a colistina en aislados clínicos de Klebsiella pneumoniae con fenotipo de resistencia silvestre o productores de la carbapenemasa OXA-48	GC24 Microbiología Clínica y Molecular
Ricardo Blázquez Encinas-Rey	Estudio de la biología del ARN y el splicing en cáncer de páncreas y tumores neuroendocrinos	GC08 Hormonas y cáncer
Francisco José Rodríguez Cortés	Cronodisrupción y eventos cardiovasculares: Impacto del Daylight Saving Time y la pandemia por la Covid-19.	GC31 Cuidados enfermeros integrales. Perspectiva multidisciplinar
Alicia Podadera Herreros	INFLUENCIA DE LA OBESIDAD EN LA EVOLUCIÓN DE LA NEFROPATÍA DIABÉTICA: CONSUMO DE DOS MODELOS DE DIETA CARDIOSALUDABLES COMO ESTRATEGIA TERAPÉUTICA EN EL DESARROLLO DE LA ENFERMEDAD	GC09 Nutrigenómica. Síndrome metabólico
Jorge Perea Armijo	Mejoría de la fracción de eyección en pacientes con insuficiencia cardiaca con fracción de eyección reducida: factores predictores de mejoría y su impacto clínico a medio y largo plazo.	GC15 Enfermedades Cardiovasculares
Pedro Naranjo Bonilla	Efecto de la presión positiva en la vía aérea sobre la retina, coroides, nervio óptico y presión intraocular en pacientes con síndrome de apnea obstructiva del sueño	GA07 Calidad Visual

PHD STUDENT	THESIS TITLE	IMIBIC GROUP
Anisbed Naranjo Rojas	Diseño y evaluación de la eficacia de una plataforma de salud digital para el monitoreo del estado clínico de pacientes con oxígeno domiciliario. Ensayo clínico aleatorizado.	GE10 Investigación Clínico-Epidemiológica en Atención primaria; GA16 Estilos de vida, Innovación y Salud
Raquel Ena María Granados	Evaluación de las manifestaciones periféricas en pacientes con espondiloartritis y su impacto en la carga de la enfermedad y en los tratamientos utilizados	GC05 Enfermedades autoinmunes sistémicas e inflamatorias crónicas del aparato locomotor y tejido conectivo
Alejandra Méndez Natera	La carga bacteriana como factor de riesgo de colonización, infección y mortalidad por Klebsiella pneumoniae productora de carbapenemasas (Estudio Klebcom)	GC03 Enfermedades infecciosas
Juan Manuel Rubio Galisteo	BIOLOGIA DE TELOMEROS EN EL DIAGNÓSTICO Y PRONÓSTICO DE CANCER DE PRÓSTATA	GE05 Enfermedades del Aparato Genitourinario
Juan Fernández Cabeza	DIFERENCIAS EN LOS PARÁMETROS DE ESTRUCTURA Y FUNCIÓN CARDIACA MEDIDOS CON ECOCARDIOGRAFÍA EN UNA POBLACIÓN INFANTIL CON OBESIDAD	GC15 Enfermedades Cardiovasculares
Maria Loreta Libero	Efectos protectores inducidos por extractos de ajo en el sistema genitourinario	GC27 OncoObesidad y Metabolismo
Marta Entrenas Castillo	PAPEL DEL CALCIFEDIOL EN EL TRATAMIENTO DE LAS COMPLICACIONES RESPIRATORIAS DE LA INFECCIÓN POR SARS-COV-2	GC06 Nuevas terapias en cáncer; GA03 Neumología
Esther Navarrete Martínez	VALIDACIÓN DEL CUESTIONARIO DE BERLIN PARA LA DETECCIÓN DE PACIENTES DE 40 AÑOS O MÁS CON SÍNDROME DE APNEA-HIPOAPNEA DEL SUEÑO EN ATENCIÓN PRIMARIA	GC12 Investigación epidemiológica en Atención Primaria; GE10 Investigación epidemiológica en Atención Primaria
Beatriz Gros Alcalde	DETECCIÓN DE CEPAS DE HELICOBACTER EN PACIENTES CON NEOPLASIA DEL TRACTO BILIAR	GC02 Enfermedades hepáticas y digestivas; GC18 Investigación traslacional en cirugía del trasplante de órganos sólidos
Elvira Rodríguez Vázquez	Análisis de nuevos mecanismos en el control metabólico de la pubertad: Papel de los fenómenos de estrés del retículo endoplásmico y de la señalización lipídica cerebral	GC10 Regulación hormonal del balance energético, la pubertad y la reproducción
Pedro Jesús Gómez Arias	Impacto del desequilibrio del microbioma del cuero cabelludo en la severidad de la alopecia areata, marcadores inflamatorios y cambios post-tratamiento	GC29 Enfermedades Inflamatorias Cutáneas Inmunomediadas (EEICI)
Luz Marina Sánchez Mendoza	Intervenciones con potencial antienviejecimiento asociadas a la preservación del NAD+ en modelos de ratón: Dimorfismo sexual y especificidad tisular.	BIO-276 Biomembranas, Antioxidantes y Estrés oxidativo
Rafael Ruiz Montero	Epidemiología de la enfermedad meningocócica invasiva, evaluación económica de la introducción de la vacuna 4CMenB y cobertura en grupos de riesgo en Andalucía	CTS-637 MEDICINA LEGAL Y FORENSE
Cristina García Caballero	Papel de la NADPH oxidasa en el daño asociado a acumulación tisular de hemoproteínas	GE06 Fisiopatología del daño renal y vascular
María Victoria López Ruiz	Evalúa GPS (Evalúa y Aplica Guías de práctica de Promoción de la Salud): Proyecto de evaluación de la implementación la guía NICE NG44	GE10 Investigación epidemiológica en Atención Primaria
Anna Crepaldi	PREVENCIÓN DE LAS COMPLICACIONES DE LA ENFERMEDAD VASCULAR PERIFÉRICA EN PACIENTES CON ENFERMEDAD RENAL CRÓNICA MEDIANTE UN MODELO SOSTENIBLE DE INTERVENCIÓN Y EVALUACIÓN	GC31 Cuidados enfermeros integrales. Perspectiva multidisciplinar

PHD STUDENT	THESIS TITLE	IMIBIC GROUP
Irene Calzado Alvarez de lara	Comparación de dos técnicas para el tratamiento del síndrome del túnel carpiano. Ensayo clínico aleatorizado	GC05 Enfermedades autoinmunes sistemicas e inflamatorias crónicas del aparato locomotor y tejido conectivo
Elisa Ruiz Arabi	Afinando el punto de corte de QuantiFERON-CMV: el estudio Quanti-CMV mejora la capacidad predictiva de la técnica en receptores seropositivos de trasplante de riñón y pulmón.	GC03 Enfermedades infecciosas
Kristina Pavlovic Pavlovic	Estudio preclínico de linfocitos CAR-T anti CD-19 generados a partir de subpoblaciones de linfocitos T	GC14 Terapia Celular

THESES PRESENTED: 2024/2025 ACADEMIC YEAR



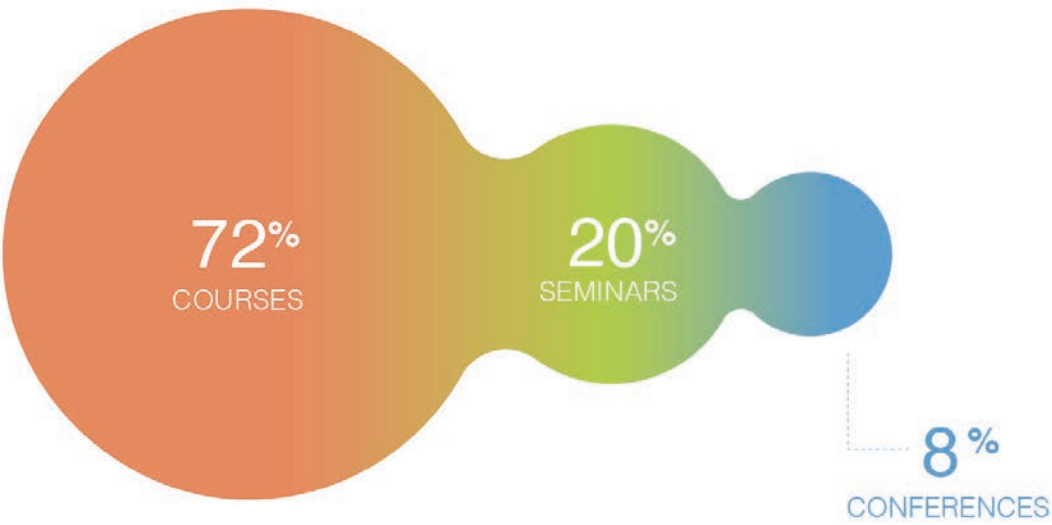
RESEARCH STAYS

IMIBIC is committed to promoting stays for the training of its PhD students at national and international reference centres in biomedical research, providing opportunities to experience research in foreign settings, facilitating the integration of graduates into the scientific community, and creating networks. In fact, the Institute’s “Plan Propio” includes actions to promote these stays. Thirty-four researchers from the IMIBIC completed a research stay at a national or international centre in 2025. External visitors are also invited to carry out their research at our Institute. A total of nineteen visiting scientists stayed at IMIBIC during 2025.

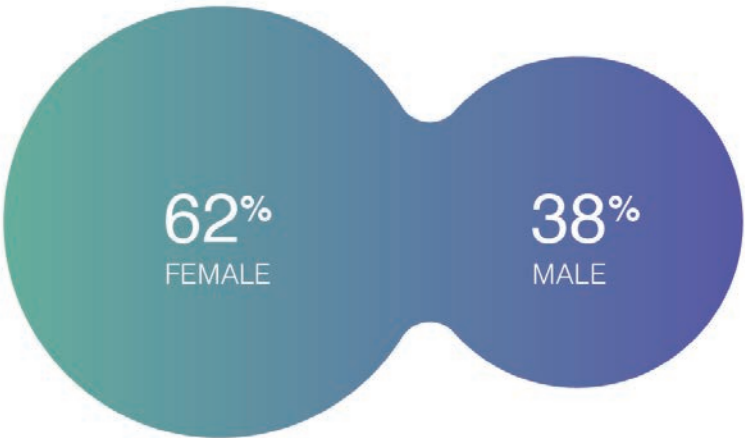
TRAINING ATTENDANCE IN 2025

The total number of participants in all training activities held at IMIBIC in 2025, including courses, conferences, seminars and other activities, was 796. Participants were predominantly women.

TRAINING ACTIVITIES BY TYPE:



PARTICIPATION IN TRAINING ACTIVITIES:



INNOVATION AND TECHNOLOGY TRANSFER

11



The main objective of the Innovation and Technology Transfer Plan is to strengthen IMIBIC’s existing capabilities to create a favourable ecosystem to support innovation and translation to the Spanish National Health System. The more specific aims are to promote and increase effective transfer with an impact on the National Health System and society, to encourage transfers to the productive sector, to promote public-private collaboration, and to guarantee the sustainability and quality of the Innovation Unit and the UCAIB for Technological Innovation. Both units work in close collaboration to transform the ideas of the IMIBIC inventors into minimum viable products, scaling these ideas in the innovation TRLs.

The indicators implemented by the IMIBIC Innovation and Transfer Unit are as follows:

- Knowledge transfer towards the productive sector.
- Development of new healthcare products.
- Patent registration and licensing.
- Implementation of new clinical processes.
- Creation of spin-offs and start-ups.
- Clinical Practice Guidelines.

These indicators were integrated into the Innovation and Technology Transfer Plan (2021-2025) as an example of full alignment with European, national and regional policies.

As a result of the actions carried out in 2025, 23 patent or intellectual property applications have been filed and 7 prototypes/developments have been produced with the support of the UCAIB’s Technological Innovation Unit. Furthermore, it is worth noting that 14 surgical planning services have been provided to the Maxillofacial Surgery Unit. In line with the aim of continuous growth and increased synergies with the Hospital for the development of these services, a consultancy firm specialising in regulatory affairs has been engaged to begin the necessary procedures for obtaining ISO 13485 certification.

In addition, we have collaborated with the UCAIB’s Technological Innovation Unit to promote the services offered by both units, with a view to establishing synergies with research groups and the various UGCs (these services include the preparation of CRDs, the design and development of devices and software applications, etc.). It is also worth noting that meetings have been held with the HURS ICT services to create synergies and ensure coordination in the integration into clinical practice of the developments carried out by the Innovation Unit.

In line with the Innovation and Technology Transfer Plan, a dossier was compiled setting out the main active technology offerings, so that information could be displayed via a 3D-printed QR code at forums, events, conferences and similar gatherings attended by companies, with the aim of presenting our technologies with the greatest potential for transfer and gauging potential interest in establishing collaborations or validating their technologies.

In this regard, it is worth highlighting the submission of four projects in collaboration with companies, of which one was awarded funding under the State Research Agency’s call for proposals (public-private partnership category); the total funding secured by the consortium amounted to €1.7 million, of which €171,118 will be managed by the Institute. Furthermore, a European project has been awarded in which IMIBIC is the coordinating node, securing total funding of €3.8 million, of which €380,000 will be managed by the Institute. This project aims to establish IMIBIC as a leading centre for the validation of AI tools in the field of paediatrics. We should also highlight the signing of a consortium agreement with the company Cobiomic Bioscience SL for a total amount of €80,000 and the signing of a collaboration agreement with GlaxoSmithKline (GSK) worth €17,250.

With regard to business start-ups, the Innovation and Technology Transfer Unit has provided advice on regulatory, business and market matters to two research groups whose research staff are interested in the possible creation of a Knowledge-Based Enterprise (KBE). Furthermore, a pool of hours dedicated to regulatory matters remains available to provide personalised advice on issues requiring a higher level of specialist knowledge. A notable milestone is the exponential growth of COBIOMIC, a company set up by IMIBIC research staff in which the Institute holds a stake. In 2025, COBIOMIC, in coordination with IMIBIC, submitted a total of four projects, one of which has so far been awarded funding, with the company subcontracting services from the Institute.

The funding secured through the ISCII under its 2025 Strategic Health Initiative call for proposals for the implementation of innovation projects amounted to €622,585, comprising one DTS project and five health projects.

It is worth noting that the third Andalusian Biotechnology Hackathon was held in collaboration with the Higher Polytechnic School of *Córdoba* (EPSC) and with co-funding secured through the IMDEEC call for proposals. To ensure the continuity of this initiative, which has been very well received, an application was once again submitted under the ESAL 2025 call for proposals; this was successful, and a fourth edition of the Andalusian Biotechnology Hackathon will therefore be held. This third edition saw the participation of companies from the engineering sector, with a focus on projects in the field of health. As a result of this initiative and the organisation’s entrepreneurial spirit, it has succeeded in sparking the interest of some students in contributing their ideas to the *Córdoba BIOTECH* business incubator.

In December 2025, the fourth internal call for applications for the “IMIBIC Innovation Awards 2025”, with a total prize fund of €35,000, was launched; it is expected to be well received by research staff.

In 2025, with the aim of promoting the most promising technologies, contact was made via a participation form with Farmaindustria; however, the applications submitted were not selected as the technologies were at very low TRLs. In response to these suggestions, it is hoped that the technologies will be further developed and resubmitted next year. Furthermore, various outreach activities were carried out targeting potential companies interested in projects or patents from our portfolio, with whom we hope to establish collaborations in the future. In addition, we continue to provide the necessary support and advice to the companies incubated at Cordoba BIOTECH; we hope to establish collaborative links and gradually increase synergies with them.

With regard to training, information on all training initiatives received by the Innovation and Transfer Unit has been disseminated, and the aim is to continue doing so. The Innovation Unit has organised various training sessions on artificial intelligence to ensure its efficient use by research staff. In collaboration with the legal department, the various mechanisms for negotiating with companies when signing service or collaboration contracts have been explained. Finally, an online course has been held providing an introduction to aspects of 3D printing in healthcare.

The IMIBIC Innovation Unit also successfully passed the audit assessing the Quality Management System, in accordance with UNE 166002:2021 – which has been in place at IMIBIC for several years – thereby securing the renewal of its certification. It is expected that the transition to the new standard for innovation management systems, ISO 56001:2024, will take place in 2026.

	2020	2021	2022	2023	2024	2025
PATENTS	5	17	5	9	7	17
Utility Model	6	1	1		1	
Intellectual property registry	3	1	4	2	2	4
PCTs	2	5	3	1	5	2
LICENCES	1	3	5			1
COMPANIES			1			

Finally, 42 confidentiality agreements and 8 collaboration/service agreements were signed with companies in 2025.



**BIOMEDICAL
RESEARCH
SUPPORT UNITS**

12



12.1 ISOTOPE AND PRECLINICAL IMAGING UNIT



STAFF

Eduardo Muñoz Blanco, PhD
Supervisor
María Lobo Barrera (till May 2025)
Technician

BRIEF DESCRIPTION

The Preclinical Imaging Service (SIP) is a highly advanced facility which provides non-invasive, in vivo imaging of the structure and function of body organs and tissues in preclinical animal models.

The equipment is located in the IMIBIC animal facility, which has modern premises of approximately 800 m2 and capacity for housing and experimental management of >3,500 rodents. It is ideally situated to provide interdisciplinary support in cardiovascular biology, oncology, neuroscience and physiology, among others.

The main purpose of this department is to supply high-quality imaging support to the rest of the research groups in IMIBIC.

EQUIPMENT AND FACILITIES

» ISOTOPE UNIT

The unit has two laboratories dedicated to working with both γ and β radioactive isotopes. One is located on floor -2 and the other on the third floor.

The unit has been authorized by the Nuclear Safety Council since December 2014 to work with the following isotopes:

ISOTOPES	MAXIMUM ACTIVITY (MBQ)
Carbon (C-14)	370
Tritium (H-3)	370
Phosphorus (P-32)	370
Phosphorus (P-33)	370
Sulfur (S-35)	370
Chrome (Cr-51)	370
Iodine (I-125)	370

» EQUIPMENT

- Gamma Counters. 3 units::
 - Make: Wizard
 - Model: 2470-0100 Beta counter
- UN Beta Counter.1 unit:
 - Make: Tricard
 - Model: 2810 TR
- Microbeta Counter.1 unit:
 - Make: Microbeta2
 - Model: 2450-0020
- Harvester cell
- A sample preparer
 - Make: Janus
- Two refrigerated ultracentrifuges with capacity for 200 samples.
- Three gas cabinets exclusively for working with radioactive isotopes, two with a lead and one with a methacrylate guillotine.
- Two radiation detectors:
 - Make: Lamse
 - Model: RM10013-RDM

» PRECLINICAL IMAGING UNIT

- **PET / MR 3T** is the only combined magnetic resonance and PET equipment available nationwide. The PET equipment is based on highly sensitive, continuous LYSO crystal technology with 2 rings with 8 detectors that can provide 80 mm (transaxial) X 148 mm (axial) fields of view, up to 285 mm (axial) by moving the bed, with MRI-compatible silicon photomultipliers, sensitivity of 5%, up to 9% (NEMA standard) and sub-millimetre resolution (≤ 0.7 mm); The MRI equipment is 3 Tesla and 18 cm magnet with cryogen free technology, without the need for a cooling line, with magnet homogeneity of ± 0.1 ppm (DSV 5 cm) and ± 0.05 ppm (DSV 3.5 cm), necessary to work with diffusion sequences and localized spectroscopy with a gradient system capable of providing 450 mT / m.
- The PET / MR displays an automatic positioning system for the animal in both the PET and MRI modalities, and a touch screen with integrated camera to facilitate positioning and monitoring.
- This equipment was installed in June 2018 and will be available for use after an appropriate set-up procedure which will be done in the near future.
- **μ CT (SkyScan 1176 model)** is an X-ray tomography system (90 kV source) allowing 3D spatial resolution of less than 10 μ m, and a respiratory gating system for prospective or retrospective extraction of respiratory movements during emission of the image. The system features a 12-bit, distortion-corrected 11-megapixel refrigerated X-ray chamber (4000x2670) with fibre-optic coupled scintillator.
- Full-body scanning capability of rats and mice: scan diameter of 68mm or 35mm, scanning length up to 200mm by multiple automatic connected scanners. This μ CT equipment can carry out longitudinal tests with less than 10mG radiation exposure, as well as coregistration of PET or MRI images.

MAIN SERVICES

- Training in the handling of β and γ counters.
- Labelling of proteins with I-125.
- Identification of protein levels in serum, plasma and other biofluids using the RIA technique.
- In situ hybridization (ISH) with P-33 labelled probes.
- Radioactive techniques for analysis of cell death and proliferation.
- Consultation regarding the different isotopic techniques that are employed in the laboratory.
- Optimization of protocols.
- To advise on experimental design, selection of equipment and supervision of procedures.
- To advise during data acquisition and imaging procedures using MRI, microCT and PET.

» SPECIFIC APPLICATIONS:

- MRI Applications:
 - Structural analysis of soft tissues and body composition (compartmentalization).
 - Analysis of structures by diffusion (diffusion-weighted imaging).
 - Analysis of metabolic composition by spectroscopy.
 - Analysis of brain activity using fMRI.
- MicroCT Applications:
 - Structural analysis.
- PET Applications:
 - Analysis of metabolic activity (normal and tumour tissue).

The infrastructure necessary to house PET-MR and MicroCT preclinical imaging systems within the Animal Experimentation Unit was designed in collaboration with the Radiological Protection Service of the University of Córdoba and the Diagnostic Radiology and Nuclear Medicine Unit of the hospital. This work was carried out in order to define the optimal equipment and workflows prior to bidding for the equipment.

12.2 ANIMAL EXPERIMENTATION UNIT



STAFF

Nahúm Ayala Soldado

Director of SAEX

Anabel Pozo Salas

Clinical diagnostic laboratory technician

Estefanía Escudero Jabonero

Technician in pathological anatomy and cytology

Ana Rama Moral

Clinical biological laboratory technician

BRIEF DESCRIPTION

The IMIBIC Animal Experimentation facilities are part of the SAEX of the University of Cordoba. The aim of this service is to provide the biomedical community, other public research centres and private companies with the animals, facilities, equipment, materials and specialized personnel necessary to carry out research projects and/or teaching tasks that require the use of animal models. The fundamental objective of the animalarium service is to guarantee the maintenance and well-being of the animals, as well as to offer different techniques for their study, given the range of equipment available in our unit.

This IMIBIC service is intended for the breeding, housing and use of laboratory animals (rats and mice), as well as for pig experimentation. Its facilities and personnel comply with current Spanish and European legislation (Directive 2010/63/EU, European Commission Recommendation 2007/526/EC, Spanish Royal Decree 53/2013 and Order ECC/566/2015 of the Spanish Ministry of Economy and Competitiveness).

The IMIBIC animal experimentation unit facilities, coordinated by the Animal Experimentation Service of the University of Córdoba, were opened in 2017.

EQUIPMENT AND FACILITIES

The unit comprises:

- 7 rooms for housing rodents, one of them with a replacement cabinet.
- 1 healing / metabolism room: This room has a respirometry system (with capacity for 10 animals), two racks for metabolic cages and optogenetic and quantitative analysis equipment.
- 4 multi-purpose rooms for experimental procedures with animals: two rooms for use on rats (the preclinical imaging computers are located in one of them) and two for use on mice. The rooms are equipped with 2 gas extraction cabinets, analytical scales and other basic laboratory material.
- Operating Room: Suitable for surgery on rodents and larger animals (rodents and pigs), equipped with 1 3D laparoscopy tower, 7 TV video monitors, 1 large animal anaesthesia machines, 6 surgery tables, 2 rodent anaesthesia systems with 4 seats, 6 gas towers, 1 surgical microscope for large animals, 1 high-end ultrasound, 2 magnifying glasses, 1 microscope, equipment for body composition MRI and a 1 C-arm.
- Quarantine Zone: 5 ventilated racks for rats / mice, 2 replacement cabinets and 1 triple gate SAS system.
- 1 large animal (pig) room: 6 transport cages and 1 isolation cage.
- Laboratory 1: has micro-CT/PET/MR for rodents, as well as a gamma library, a ventilated cabinet for 6 animals and an anaesthesia machine.

KEY FACTS

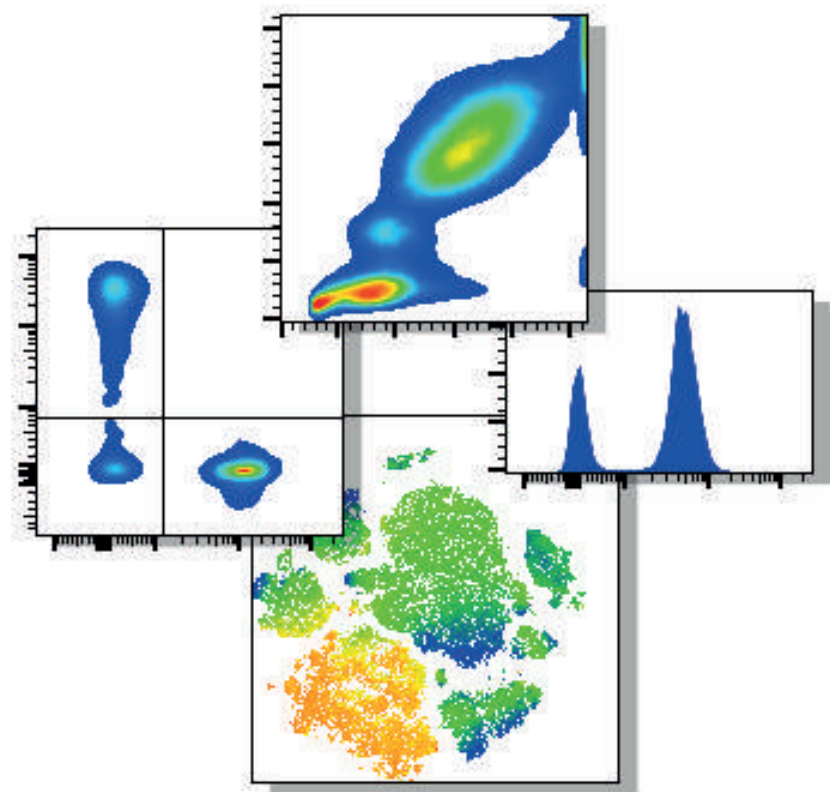
NUMBER OF IMIBIC USERS: 74

PROJECTS

1. 02/08/2023/025 “Caracterización del Papel Fisiopatológico de miRNAs Circulantes Desregulados en el Hipogonadismo Inducido por Obesidad, como tipo II, con procedimientos clasificados como leves, moderado y sin recuperación “/ M^a Soledad Avendaño Herrera/ GC10”
2. 20/04/2023/15 “Papel de la detección de grasa en el comportamiento alimentario y en el fenotipo metabólico alterado del síndrome de Prader-Willi” / Juan Manuel Castellano Rodríguez / GC10
3. 20/06/2023/46 “Obesidad inducida por el consumo de alimentos palatables: papel de las poblaciones neuronales hipotalámica y extra-hipotalámica” / Manuel Tena Sempere/ GC10
4. 21/03/2022/050 “ Papel de los microARNs hipotalámicos en las alteraciones metabólicas y reproductoras asociadas al síndrome de Prader-Willi “ / Juan Manuel Castellano Rodríguez / GC10”
5. 29/03/2022/053 “ Disección de las bases cerebrales de las alteraciones puberales inducidas por la obesidad: Una mirada a Kiss “ / Manuel Tena Sempere/ GC10
6. 03/07/2024/093 “Investigación neuroendocrina traslacional sobre mecanismos de control de la pubertad, la reproducción y el metabolismo” / Manuel Tena Sempere/ GC10
7. 02/06/2022/087 “Exceso de andrógenos e hígado graso no alcohólico en el síndrome de ovario poliquístico: Bases fisiopatológicas y nuevas opciones terapéuticas” / Miguel Ángel Sánchez-Garrido Nogueras/ GC10
8. 22/10/2024/157 “Nuevos mecanismos involucrados en el control metabólico de la reproducción: papel de los cambios en la respuesta secretora de las neuronas Kisspeptin. (Kiss1-SECRETion) ”/ Juan Roa Rivas/ GC10
9. 03/07/2024/092 “Neuronas de la amígdala como posible enlace entre las alteraciones del desarrollo por el ambiente de esteroides sexuales y los trastornos del espectro autista” / Manuel Tena Sempere/ GC10
10. 31/03/2022/057 “Estudio del efecto de fármacos en modelo de isquemia extremidades inferiores” /Adela García Martín / GC04
11. 23/05/2024/068 “Estudio de la eficacia de derivados cannabinoides en un modelo de daño hepático por la administración de tetracloruro de carbono” / Belén Palomares Cañero / GC04
12. / Silvia Guil Luna / GC06
13. 23/09/2022/115 “Identificación de biomarcadores diagnósticos, pronósticos y terapéuticos en tumores neuroendocrinos y cáncer de páncreas” / Alejandro Ibáñez Costa / GC08
14. 08/03/2022/033 “Nuevos mecanismos moleculares en cáncer y en su interacción patológica con la obesidad” / Manuel David Gahete Ortiz / GC30
15. 08/02/2022/010 “Papel del FGF23 en la inducción de daño vascular asociado a la anemia con y sin enfermedad renal crónica”/ Fátima Guerrero Pavón / GC07
16. 20/10/2022/133 “Estudio de los mecanismos implicados en el deterioro cognitivo asociado a la enfermedad renal crónica” / María Encarnación Rodríguez Ortiz / GC07”
17. 25-08-2025-076 “Impacto de FGF23 sobre la hipertensión arterial y el metabolismo energético” / María Encarnación Rodríguez Ortiz /GC 07

18. 19/04/2023/13 “Nuevos biomarcadores y dianas moleculares en la interacción fisiopatológica entre alteraciones del metabolismo y diversos tipos de cáncer endocrino-metabólicos” / Raúl Miguel Luque Huertas / GC27
19. 24/06/2026/138 “Determinación in vivo del inmunopeptidoma en tumores cerebrales pediátricos y adultos con el fin de encontrar neoantígenos con potencial inmunoterapéutico.” / Raúl Miguel Luque Huertas / GC27
20. 26/08/2025/080 “Desarrollo y caracterización de un modelo de ratón de Pseudomixoma peritoneal con xenoinplante humano.” / Antonio Romero Ruíz / GE09

12.3 FLOW CYTOMETRY UNIT



STAFF

Esther Peralbo Santaella, PhD

Head of Unit and Flow Cytometry Technical Specialist- Competitive contract from Programme for Linking Technicians to Common Research Support Structures; Funding Agency: Andalusian Health Service, Junta de Andalucía; Reference: S.A. 0008/22.

BRIEF DESCRIPTION

The mission of the Unit is to offer access to high-performance equipment covering a broad spectrum of Flow Cytometry applications to researchers from IMIBIC and the hospital environment, other public institutions, and the private sector, as well as to provide technical expertise and training. The Unit also provides scientific and technical advice on experimental design, sample preparation, Flow Cytometry data analysis, and data interpretation.

EQUIPMENT AND FACILITIES

Analysers:

- **BD LSRFortessa SORP:** 5 lasers (355, 405, 488, 561 and 640 nm) and capable of analysing up to 18 fluorescence parameters + FSC/SSC. Filter for violet SSC.
- **BD FACSCanto II:** 3 lasers (405 nm, 488 nm and 633 nm) and capable of analysing 8 fluorescence parameters + FSC/SSC. Multi-tube Carousel Loader (up to 40 tubes).

Cell sorters:

- **BD FACSAria III:** 3 lasers (407, 488 and 633 nm) and capable of analysing 13 parameters simultaneously (11 fluorescence parameters + FSC/SSC). Four-way and single-cell sorting capabilities. Collection of sorted cells: into tubes, onto plates or slides. Temperature control. Aerosol Management Option (AMO).

Others:

- **PC workstation** with **BD FlowJo v10** data analysis software (dongle license).

MAIN SERVICES

- Self-use (Operator-unassisted) of analysers (only for IMIBIC users properly trained by us to use the equipment).
- Operator-assisted use of analysers on demand.
- Cell sorting: only provided as an operator-assisted service.
- Flow Cytometry data analysis on demand.
- Advice on experimental and multicolour panel design, sample preparation methods, data interpretation and presentation, and drafting the “Materials and Methods” section for Flow Cytometry.
- Developing and implementing Flow Cytometry assays/applications tailored to user needs.

KEY FACTS

NUMBER OF IMIBIC USERS: **38**

NUMBER OF EXTERNAL USERS: **1 (University of Cordoba)**

NUMBER OF SUPPORTED INTERNAL PROJECTS: **19**

COURSES, SEMINARS AND TRAINING SESSIONS: **2 seminars / 7 training sessions**

QUALITY CERTIFICATES: **ISO 9001:2015 standard for the Quality Management System**

In 2025, the Flow Cytometry Unit provided support to 18 of the 49 IMIBIC research groups, contributing to the development of 19 research projects, 4 of which were international, including one funded by an ERC Advanced Grant.

Additionally, the Flow Cytometry and Genomics-Transcriptomics Units jointly established a comprehensive and transversal service to offer technology and specialised advice for the development of single-cell genomic studies.

FEATURED ARTICLES

Articles acknowledging the technical support of the Unit:

- Rodríguez-Vázquez, Elvira et al. “Central lipid sensing pathways contribute to the control of puberty and its alterations in conditions of obesity.” *American journal of physiology. Endocrinology and metabolism* vol. 328,5 (2025): E675-E694. doi:10.1152/ajpendo.00493.2024.
- Domínguez-Del-Castillo, José Joaquín et al. “Divergent Immune Pathways in Coronary Artery Disease and Aortic Stenosis: The Role of Chronic Inflammation and Senescence.” *International journal of molecular sciences* vol. 26,11 5248. 29 May. 2025, doi: 10.3390/ijms26115248.
- Navarrete-Sirvent, Carmen et al. “Imbalanced NK cell subpopulations and TIGIT expression limit cetuximab efficacy in colorectal cancer: A promising target for treatment enhancement.” *Clinical and translational medicine* vol. 15,6 (2025): e70351. doi:10.1002/ctm2.70351.
- Guerrero, Fátima et al. “New biomarkers of inflammation associated with haemodialysis.” *Clinical kidney journal* vol. 18,8 sfaf223. 10 Jul. 2025, doi:10.1093/ckj/sfaf223.
- Mantrana, Ana et al. “Glycolysis Inhibition Restores Immune Sensitivity in GSNOR-Deficient Colorectal Cancer.” *Laboratory investigation; a journal of technical methods and pathology* vol. 105,12 (2025): 104250. doi:10.1016/j.labinv.2025.104250.

SUPPORTED INTERNAL PROJECTS

1. Inmunosenescencia y respuestas inmunitarias a la vacunación antigripal. Uso de oligonucleótidos antisentido inhibidores de células T reguladoras para mejorar la eficacia de la vacunación. PI: Alexander Batista Duharte. Funding Agency: Instituto de Salud Carlos III; Reference: CP22/00111.
2. Generación y caracterización de células NK tipo memoria inducidas por citoquinas (CIML-NK) en respuesta a varios estímulos, para la inmunoterapia de LMA. Uso potencial para la producción de CAR-NK. PI: Rafael Solana Lara. Funding Agency: Instituto de Salud Carlos III; Reference: PI21/01125.
3. Viroterapia oncolítica en tratamiento anti-tumoral: Mejora de eficacia/seguridad de vectores oncolíticos basados en el virus Vaccinia mediante sinergias immuno-químio-terapia. PI: Ernesto Mejías Pérez. Funding Agency: Ministerio de Ciencia, Innovación y Universidades. Reference: PID2023-146409OA-I00.
4. Improving safety in VACV-based oncolytic virotherapy: built-in fail-proof molecular lock for viral replication. PI: Ernesto Mejías Pérez. Funding Agency: Fundación Científica Asociación Española Contra el Cáncer. Reference: IDEAS246738MEJI.
5. Evaluación preclínica de los precursores de NAD+ como nuevas herramientas terapéuticas en Enfermedades Reumáticas Inflamatorias Crónicas (PRECLINAD). PI: Carlos Pérez Sánchez. Funding Agency: Ministerio de Ciencia e Innovación. Reference: PID2022-141500OA-I00.
6. Aberrant S-nitrosylation at the intersection of metabolism and autophagy in colorectal cancer: therapeutic opportunities. PI: Antonio Rodríguez Ariza. Funding Agency: Instituto de Salud Carlos III. Reference: PI23/00489.

7. Influencia de los principios físicos que rigen la eliminación de toxinas urémicas en la inflamación y riesgo cardiovascular del paciente en hemodiálisis: Uso de nanotecnología para la búsqueda de nuevos materiales adsorbentes altamente selectivos. PI: Alejandro Martín Malo/Fátima Guerrero Pavón. Funding Agency: Instituto de Salud Carlos III. Reference: PI23/00883.

8. Neoantígenos derivados del splicing como dianas de la inmunoterapia en cáncer de páncreas (SplicInmuno). PI: Justo P. Castaño/Alejandro Ibáñez Costa. Funding Agency: AESPANC; Reference: AESPANC-2022-01.

9. DOPA-Kiss - Dissecting the Brain Basis of Obesity-Induced Pubertal Alterations: A View to a Kiss. PI: Manuel Tena Sempere. Funding Agency: European Research Council, ERC Advanced Grant. Reference: HE-ERC-2022-ADG-101096793.

10. EprObes - Preventing lifetime obesity by early risk-factor identification, prognosis and intervention. PI: Manuel Tena Sempere. Funding Agency: Comisión Europea. Reference: HE-HLTH-2022-RIA-101080219.

11. MERLON - Merging scientific Evidence with Regulatory practices and Leveraging identification Of endocrine disruptors using New approach methodologies. Co-PI: Manuel Tena Sempere. Funding Agency: Comisión Europea. Reference: HORIZON-HLTH-2023-101137411.

12. Exploring the contribution of hypothalamic gliosis to the metabolic and reproductive complications of hypogonadism: translational implications for obesity-induced male hypogonadism. PI: Manuel Tena Sempere. Funding Agency: Comisión Europea. Reference: HE-MSCA-PF-2022-101109307.

13. Bases fisiopatológicas y búsqueda de biomarcadores del hipogonadismo masculino inducido por obesidad (HIO): Impacto diferencial de la obesidad de inicio temprano vs. Adulta. PI: Manuel Tena Sempere/Verónica Sobrino Cabello. Funding Agency: Consejería de Sanidad, Presidencia y Emergencias. Reference: PI-0061-2024.

14. Análisis del papel de las neuronas KNDy y sistemas centrales relacionados en el control de la pubertad y sus alteraciones en condiciones de obesidad de inicio temprano. PI: Manuel Tena Sempere. Funding Agency: Ministerio de Ciencia e Innovación. Reference: PID2023-149244NB-I00.

15. Evaluación de la intervención nutricional personalizada junto con la aplicación de exosomas derivados de MSC en la capacidad regenerativa y cicatrización de úlceras cutáneas en diabéticos. PI: Antonio Casado Díaz/Alfonso Calañas Continente. Funding Agency: Instituto de Salud Carlos III. Reference: PI21/01935.

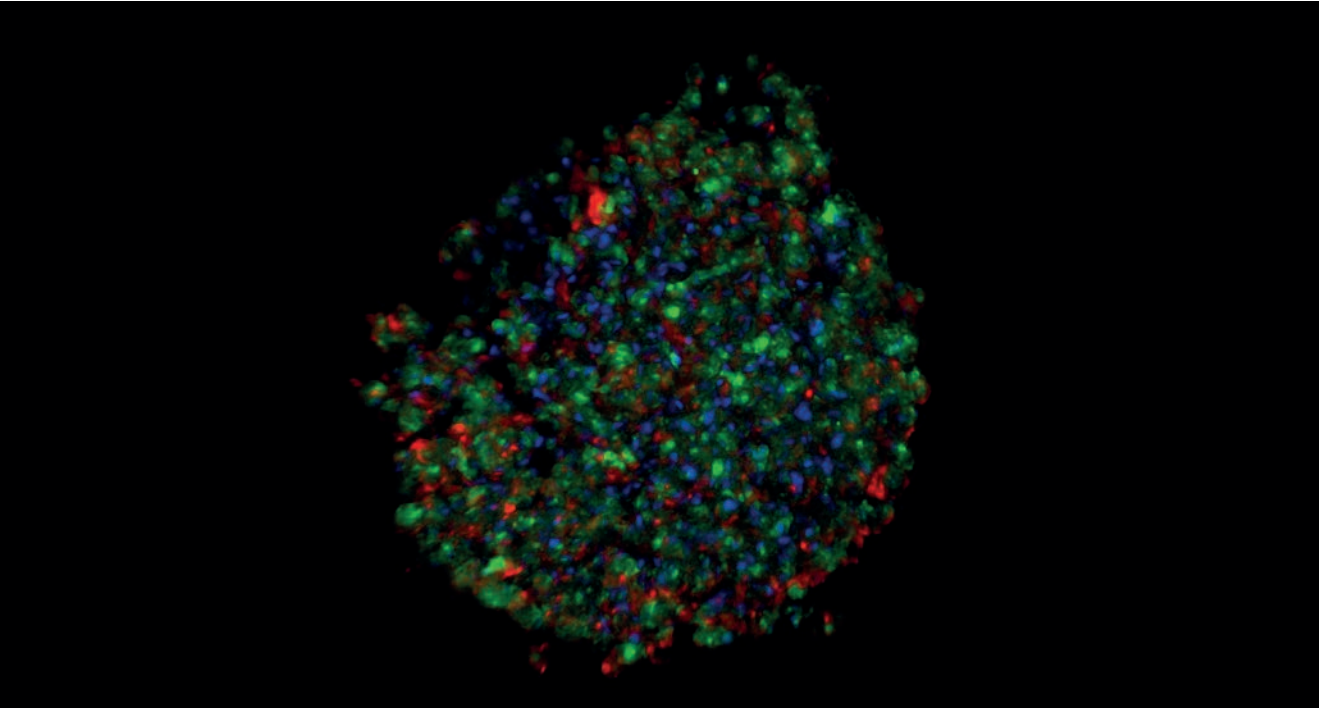
16. Acumulación de hemoproteínas como responsable de la pérdida aguda y crónica de la función renal. Caracterización de nuevos mecanismos de daño e identificación de posibles dianas terapéuticas. PI: Juan Antonio Moreno Gutierrez. Funding Agency: Instituto de Salud Carlos III. Reference: PI23/00669.

17. Desarrollo de Terapias Basadas en Tejido Adiposo para el Tratamiento de la Disfunción del Endotelio Corneal. PI: Miguel González Andrades. Funding Agency: Instituto de Salud Carlos III. Reference: PI21/01829.

18. Validation of new therapeutic targets for a rare malignant disease: The Pseudomyxoma Peritonei. PI: Álvaro Arjona Sánchez. Funding Agency: Asociación Española Contra el Cáncer; Reference: PRYES223170ARJO.

19. Characterization and validation of new therapeutic, diagnostic and prognostic targets in Pseudomyxoma Peritonei. PI: Álvaro Arjona Sánchez/Antonio Romero Ruiz. Funding Agency: Instituto de Salud Carlos III. Reference: PI22/01213.

12.4 ADVANCED OPTICAL MICROSCOPY UNIT



STAFF

Gema García Jurado, PhD

Head of Unit and Technical Specialist. Contract financed with FIBICO-IMIBIC’s own funds.

Álvaro Carrasco Carmona, PhD

Senior Bioprinting Technical Specialist. Contract financed with FIBICO-IMIBIC’s own funds.

BRIEF DESCRIPTION

The Advanced Optical Microscopy Unit of IMIBIC is dedicated to supporting high-quality biomedical research by providing access to advanced imaging technologies and comprehensive scientific and technical support. Recently, we have joined forces with several other facility units to establish a multi-omics platform that integrates microscopy and laser microdissection to enhance proteomic analysis.

EQUIPMENT AND FACILITIES

The Advanced Optical Microscopy Unit has a wide range of equipment and image analysis tools, including:

- **Zeiss LSM 710 spectral confocal microscope** for high-resolution 3D imaging and spectral analysis. Inverted motorized stand, 7 laser lines (405, 458, 488, 514, 543, 594, 633 nm), Scanning module with 3 spectral R/FL detection channels (PMTs) and 1 transmitted-light channel (PMT). Integrated large incubation chamber.
- **Leica THUNDER Imager 3D assay** system for epifluorescence, brightfield, phase contrast. Monochrome and color cameras, motorized inverted microscope, computational clearing method, 4 Filter cubes (DAPI, FITC, Rhod, Cy5).
- **Zeiss PALM Microbeam laser microdissection system** for precise isolation of cells and tissue regions. Excitation laser line (355nm) fully motorized, high precision cutting, catapulting and “cap check” system, monochrome and color cameras, 4 filter cubes (DAPI, FITC, Red, Cy5).
- Dedicated **3D image analysis workstation** with AI-based software (AIVIA), along with FIJI, LAS X, ZEN Blue, and QuPath.

MAIN SERVICES

The Advanced Optical Microscopy Unit of IMIBIC offers access to equipment covering a broad spectrum of applications and techniques used in biomedical research, including:

- Laser Scanning Confocal Microscopy
- Automated Wide-Field and epifluorescence Microscopy
- High content screening

- Live 3D imaging
- Laser Capture Microdissection (LCM)
- Scientific and technical advice
- User training
- Support on experimental design and sample preparation
- Image processing analysis and data interpretation
- A multi-omics platform together with the proteomics and histology units, integrating microdissection and microscopy with targeted and personalized proteomic analysis.

All procedures in the Advanced Optical Microscopy Unit are performed within a Quality Management System that is certified to the ISO 9001:2015 standard.

KEY FACTS

NUMBER OF IMIBIC USERS: **115 (20 Research Groups)**

NUMBER OF EXTERNAL USERS: **5**

NUMBER OF ONGOING: **43**

COURSES AND TRAINING SESSIONS: **52**

NEW INTERNAL SERVICES: **9**

FEATURED ARTICLES

A total of 11 scientific articles using data generated from the Unit were published during 2025. Articles for which the Unit support has been acknowledged are detailed below:

Ponce-Díaz FJ, Ruiz-Pino F, Garrido-Rodríguez M, Prados-González ME, Uceda-Rodríguez E, Cerero-Tejero L, Guerrero-Ruiz Y, Sanchez-Garrido MA, Muñoz E, Tena-Sempere M. **Cannabidiol improves metabolic profiles and alleviates liver inflammation and fibrosis in condicions of androgenic obesity and polycystic ovary syndrome.** Diabetes, Obesity and Metabolism, 2025. doi: 10.1111/dom.16602

Mantrana A, Sánchez-Montero MT, Navarrete-Sirvent C, Herrerea-Casanova N, Mena-Osuna R, Rivas-Crespo A, Díaz-Chacón A, Ávila-Oca V, Toledano-Fonseca M, García-Ortíz MV, González-Fernández R, Gómez-España MA, Villar C, Medina-Fernández FJ, Aranda E, Guil-Luna S, Rodríguez-Ariza A. **Glycolysis Inhibition Restores Immune Sensitivity in GSNOR–Deficient Colorectal Cancer.** Laboratory Investigation,2025, 105, 12, 104250. Doi: 10.1016/j.labinv.2025.104250.

PROJECTS

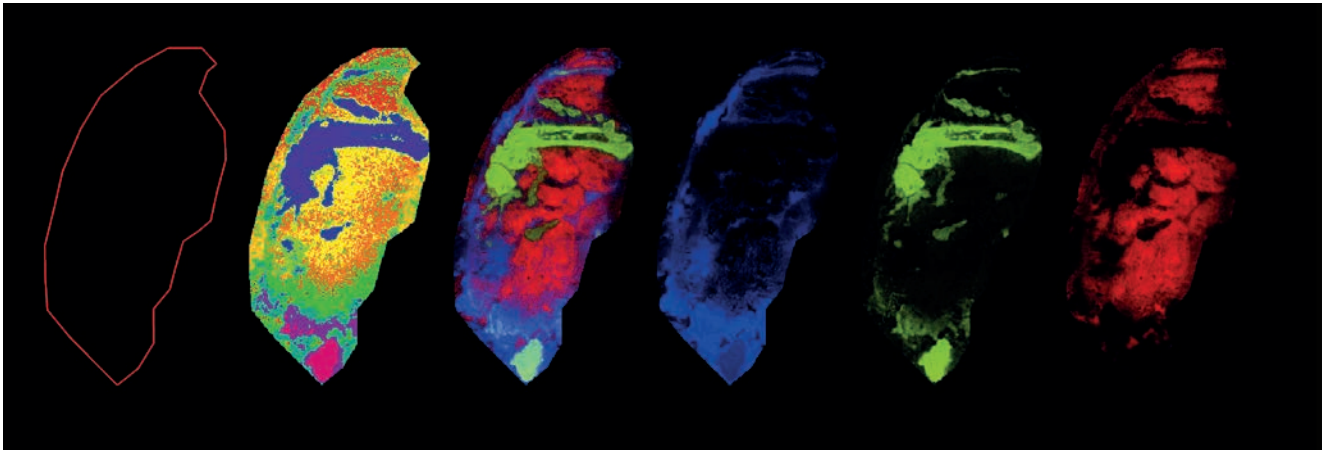
1. PI-0219-2022. La biopsia líquida como herramienta para predecir la respuesta del paciente de hepatocarcinoma a la inmunoterapia. Secretaría General de Salud Pública e I+D+i en Salud. IP: Manuel de la Mata García.
2. CNS2022-135922. Diseño de andamios 3D para la liberación de controlada de fármacos hipoximéticos y su aplicación el tratamiento de la enfermedad vascular periférica y otras enfermedades cardíacas. IP: Adela García Martín.
3. PID2023-148340OB-I00. Activadores farmacológicos de PP2A/B55a con potencial en patologías vasculares. Agencia Estatal de Investigación IP: Adela García Martín.
4. PI22/00539. Identificación de fenotipos clínicos, nuevas dianas y biomarcadores de respuesta terapéutica en pacientes con artritis psoriásica mediante tecnologías ómicas e inteligencia artificial. IP: Clementina López Medina.
5. PMP21/00119. Análisis integrado mediante tecnologías ómicas e inteligencia artificial para la identificación e implementación de herramientas de medicina personalizada en las espondiloartritis. IP: Eduardo Collantes Estévez.
6. PI24/00959. Desarrollo de herramientas de medicina de precisión aplicada al diagnóstico, la evolución clínica y la respuesta a terapias en pacientes con enfermedades autoinmunes sistémicas. IP: M Ángeles Aguirre Zamorano.
7. Lilly-IIR-2020-001. Characterization of baricitinib effects on the pro-thrombotic and cardiovascular risk profile of rheumatoid arthritis patients. IP: Rosario López Pedrera.
8. PI-0243-2022. Reclasificación molecular e identificación de nuevos biomarcadores de respuesta terapéutica en pacientes con Artritis Psoriásica mediante la combinación de tecnologías ómicas e inteligencia artificial. IP: Nuria Barbarroja Puerto.
9. PI23/00489. Aberrant S-nitrosylation at the intersection of metabolism and autophagy in colorectal cancer: therapeutic opportunities. IP: Antonio Rodríguez Ariza.
10. PI-0130-2022. Riesgo cardiovascular y depuración de toxinas urémicas: nuevas estrategias terapéuticas basadas en nanotecnología. IP: Alejandro Martín Malo.
11. AESPANC-CD-MPM-2022-01. Neoantígenos derivados del splicing como dianas de la inmunoterapia en cáncer de páncreas (SplicInmuno). IP: Justo P. Castaño.
12. GJ2208. Análisis molecular de la resistencia a análogos de somatostatina en feocromocitomas y paragangliomas. IP: Alejandro Ibáñez Costa.
13. PI21/01770. Caracterización del papel fisiopatológico de miRNAs circulantes desregulados en el hipogonadismo inducido por obesidad. IP: María Soledad Avendaño Herrador.

14. STAYHLTH-01-05_01. eprObes - Preventing lifetime obesity by early risk-factor identification, prognosis and intervention. IP: Manuel Tena Sempere.
15. PID2023-149244NB-I00. Análisis del papel de las neuronas KNDy y sistemas centrales relacionados en el control de la pubertad y sus alteraciones en condiciones de obesidad de inicio temprano. GC10. IP: Manuel Tena Sempere.
16. PI-0061-2024. Bases fisiopatológicas y búsqueda de biomarcadores del hipogonadismo masculino inducido por obesidad (HIO): Impacto diferencial de la obesidad de inicio temprano vs. adulta. IP: Manuel Tena Sempere.
17. PI24/02007. Papel fisiopatológico y valor diagnóstico de los miRNAs desregulados en el hipogonadismo-inducido por obesidad en mujeres en edad fértil. IP: María Soledad Avendaño Herrador.
18. ENVHLTH-02-03-2023-01. MERLON - Merging scientific Evidence with Regulatory practices and Leveraging identification Of endocrine disruptors using New approach methodologies. IP: Manuel Tena Sempere.
19. PI-0071-2021. Suplementos de Magnesio como tratamiento de la progresión de la fibrosis renal y cardíaca. IP: Juan Mariano Rodríguez Portillo.
20. PI21/00654. Estudio del papel de FGF23 como inductor de hipertensión arterial y disfunción vascular en pacientes con enfermedad renal crónica. IP: Juan Rafael Muñoz Castañeda.
21. ICI22/00090. Disminuir la absorción intestinal de fósforo como estrategia para enlentecer la progresión de la enfermedad renal crónica en pacientes de atención primaria. IP: Juan Mariano Rodríguez Portillo.
22. PI21/00269. Nutritional and pharmacological modulation of mTOR signaling pathway in the context of renal disease - the role of SGLT2 inhibitors. IP: Escolástico Aguilera Tejero.
23. PI-0294-2024. Impacto de los altos niveles de FGF23 sobre la modificación del metabolismo energético y su influencia en la progresión de la enfermedad renal crónica y la hipertensión en pacientes nefrectomizados. IP: Juan Rafael Muñoz Castañeda.
24. PI23/01018. Papel de Klotho en la fisiopatología del deterioro cognitivo asociado a la enfermedad renal crónica: estudios clínicos y experimentales. IP: Juan Rafael Muñoz Castañeda.
25. PRYES223170ARJO. Validation of new therapeutic targets for a rare malignant disease: the pseudomyxoma peritonei. IP: Álvaro Arjona Sánchez.
26. PI24/00232. Exploración del Impacto de FGF23 sobre la Hipertensión y el Metabolismo Energético en pacientes con enfermedad renal crónica: Mecanismos y Posibles Terapias. IP: Juan Rafael Muñoz Castañeda.
27. FEIOMM2022_001. Estudio de la movilización de células precursoras endoteliales y de la capacidad regenerativa en pacientes tratados con sitagliptina y calcifediol. IP: Antonio Casado Díaz.
28. FEIOMM24_01. Identificación de biomarcadores en vesículas extracelulares asociados a la adiposidad de la médula y al deterioro óseo causado por deficiencias nutricionales. IP: Marta Camacho Cardeñosa.
29. MICIN PID2022-140458NB-I00. Funciones epigenéticas y reparadoras de la escisión de bases del ADN. IP: Teresa Roldán Arjona.
30. MSCA-Cofund GA: 847468. Repair of temozolomide-induced DNA damage in tumour cells: role in glioblastoma resistance to chemotherapy. IP: Mª Isabel Martínez Macías.
31. DTS23/00055. Aproximación espliceosómica para desarrollar una herramienta personalizada de diagnóstico y pronóstico, con potencial impactoterapéutico en tumores cerebrales malignos. IP: Raul Luque Huertas.
32. FSEEN23_01. Identificación de nuevos biomarcadores y estrategias terapéuticas en craneofaringiomas basadas en las maquinarias moleculares de control del metabolismo del ARN. IP: Raul Luque Huertas.
33. PI23/00669. Acumulación de hemoproteínas como responsable de la pérdida aguda y crónica de la función renal. Caracterización de nuevos mecanismos de daño e identificación de posibles dianas terapéuticas. IP: Juan Antonio Moreno Gutierrez.
34. PI24/02046. Generación de una matriz artificial basada en hidrogeles con células madre mesenquimales de tejido adiposo como terapia avanzada para el tratamiento a largo plazo de conjuntivitis cicatriciales crónicas. IP: Yolanda Jiménez Gómez.
35. PRYES223170ARJO. Validation of new therapeutic targets for a rare malignant disease: The Pseudomyxoma Peritonei. IP: Álvaro Arjona Sánchez.
36. PI22/01213. Characterization and validation of new therapeutic, diagnostic and prognostic targets in Pseudomyxoma Peritonei. IP: Álvaro Arjona Sánchez.
37. DTS22/00057. Herramienta para el diagnóstico y pronóstico en cánceres hormono-dependientes basada en el análisis de péptidos solubles derivados del receptor de somatostatina SST5TMD4. IP: Manuel David Gahete Ortiz.

COURSES AND WORKSHOPS

- 52 specific training for research groups in the use of microscopy equipment, technical applications and image analysis related to Unit equipment.

12.5 IMIBIC MASS SPECTROMETRY AND MOLECULAR IMAGING UNIT (IMSMI)



STAFF

Eduardo Chicano Gálvez, PhD

Core Facility Coordinator.

Senior Mass Spectrometry Specialist: LC-MS, MS Imaging. Bioinformatics and data analysis.

- Recipient of a competitive contract under the “Programme for Linking Technicians to Common Research Support Structures” call for proposals; Funding Agency: ANDALUSIAN HEALTH SERVICE; Reference: SA 0009/2024.

Ángela Peralbo Molina, PhD

Senior Mass Spectrometry Specialist (Lipidomics and metabolomics)

- Recipient of a competitive contract under the “Programme for Linking Technicians to Common Research Support Structures” call for proposals; Funding Agency: ANDALUSIAN HEALTH SERVICE; Reference: SA-0042/2026

Cristina María López Vázquez, PhD

Mass Spectrometry Specialist

- Recipient of a FIBICO competitive contract under the IMIBIC internal call for proposals (Reference 045/2025).

Ana Salinas Gavilán

Laboratory Technician

Recipient of a competitive contract under the 2022 Public–Private Collaboration Projects (CPP2022-0009889).

BRIEF DESCRIPTION

IMIBIC’s Mass Spectrometry and Molecular Imaging Unit (IMSMI) provides highly specialised support in the latest mass spectrometry techniques available to researchers and users who require it. This Unit specialises in offering services in three of the major omics, such as Proteomics, Lipidomics and Metabolomics. It is also highly specialised in Molecular Imaging (MS Imaging).

The IMSMI Unit provides researchers with state-of-the-art technologies in the field and offers its services to IMIBIC research groups, as well as to the University of Cordoba, Reina Sofia University Hospital, other universities, hospitals, and private sector companies.

This Unit has four main lines of work:

- i) Clinical Proteomics line consisting of high-performance liquid chromatography (Evosep-One) coupled with mass spectrometry (LC-MS/MS). It provides researchers and users with access to label-free quantitative clinical proteomic analysis in liquids (DDA, DIA-PASEF and PRM-PASEF). Studies that can be developed range from small pilot experiments and small populations to large experiments with hundreds of samples requiring superior speed and quality.
- ii) Lipidomics line consisting of ultra-high performance liquid chromatography coupled with mass spectrometry (LC-MS/MS). It provides a service for the identification and quantification of lipid species in samples in a targeted or untargeted manner at high resolution.
- iii) Metabolomics line consisting of ultra-high-performance liquid chromatography coupled with mass spectrometry (LC-MS/MS). It offers a service for the identification and quantification of metabolites in samples in a targeted or untargeted manner at high resolution.

iv) Molecular Imaging (MS Imaging), which provides researchers and users with spatial information about metabolites, lipids, proteins/peptides directly from tissues and biopsy specimens.

The IMSMI Unit provides individualised support tailored to user needs, including project planning/experimental design, sample preparation, mass spectrometry analysis and basic and advanced data analysis, with the latest developments available in its area of expertise.

EQUIPMENT AND FACILITIES

- Q-TOF mass spectrometer, MALDI-TOF, TIMSTOF-Flex (Bruker) (Last update:2022)
- Q-TOF mass spectrometer, TIMSTOF-Pro (Bruker) (Last update: 2021)
- EVOSEP-ONE (Evosep) (Last update: 2021)
- ELUTE UHPLC (Bruker) (Last update: 2021)
- Sprayer: HTX M5 (HTX Technologies) (Last update: 2021)
- nanoElute UHPLC (Bruker) (Last update: 2024)
- Main programs (and programming languages) used for data analysis: TransProteomicsPipeline, MS-Fragger for protein identification; Skyline, DIANN, Fragpipe for protein quantification and spectral library generation; MSiReader, Spectralanalysis, Cardinal, SCILSLab (Last update 2026) for Maldi Imaging analyses. R, Python programming languages for general analysis purposes. MetaboScape and TASQ for metabolomics and lipidomics workflow (Last update 2026)
- BPS: ProteoScape™ Parallel Search Engine in Real-time (Bruker) (Last update: 2026)
- Spectronaut: DIA analysis for protein identification and quantification (SN21, Last update: 2026)
- Twinscape (Bruker): Proteomics and mass spectrometry QC monitoring suite in real time (Last update: 2026)
- Basic laboratory equipment for sample preparation (Last update: 2025)

MAIN SERVICES

- Identification and characterization of proteins by LC-MS/MS: DDA-PASEF
- Quantitative Proteomics:
 - DIA-PASEF
 - DDA-PASEF
 - PRM-PASEF
 - Clinical Proteomics analysis using Evosep-One
- Lipidomics and Metabolomics: Identification, characterization and/or quantification of small molecules in a wide range of samples.
- MALDI Imaging mass spectrometry (Proteomics/Lipidomics/Metabolomics)
- Project supervision and collaboration
- Training in the software used for data analysis

KEY FACTS

NUMBER OF IMIBIC USERS: **13**

NUMBER OF EXTERNAL USERS: **49**

NUMBER OF PUBLICATIONS: **9**

NUMBER OF MEETINGS WITH USERS GROUPS: **309**

NUMBER OF TECHNICAL INTERVENTIONS IN THE UNIT: **1520**

PARTICIPATION IN INTERLABORATORY COMPARISON STUDIES: **1**

QUALITY CERTIFICATES: **1**

FEATURED ARTICLES

1. Identification of diagnostic biomarkers for relapsing-remitting multiple sclerosis in plasma by mass spectrometry-based proteomics. Victor M. Garcia-Silva, Eduardo Chicano-Galvez, María Isabel García-Sánchez, Ángela Peralbo-Molina, María Hernández-Valladares. Journal of Neuropathology & Experimental Neurology, 2025, 1–9. <https://doi.org/10.1093/jnen/nlaf145>
2. Proteomic Validation of MEG-01-Derived Extracellular Vesicles as Representative Models for Megakaryocyte- and Platelet-Derived Extracellular Vesicles. Jose Manuel Sanchez-Manas, Sonia Perales, Gonzalo Martinez-Navajas, Jorge Ceron-Hernandez, Cristina M. Lopez, Angela Peralbo-Molina, Juan R. Delgado, Joaquina Martinez-Galan, Veronica Ramos-Mejia, Eduardo Chicano-Galvez, Maria Hernandez-Valladares, Francisco M. Ortuno, Carolina Torres and Pedro J. Real. Biomolecules 2025, 15(12), 1968. <https://doi.org/10.3390/biom15121698>

3. A Compendium of Bona Fide Reference Markers for Genuine Plant Extracellular Vesicles and Their Degree of Phylogenetic Conservation. Miriam M. Rodríguez de Lope, Ibone R. Sánchez-Pajares, Estela Herranz, Cristina M. López-Vázquez, Ainara González-Moro, Alan Rivera-Tenorio, Carlos González-Sanz, Soledad Sacristán, Eduardo Chicano-Gálvez, Fernando de la Cuesta. *Journal of Extracellular Vesicles*, 2025; 14:e70147. <https://doi.org/10.1002/jev2.70147>

4. Defective Olfactomedin-2 connects adipocyte dysfunction to obesity. Aina Lluch, Jèssica Latorre, Isabel Espadas, Núria Oliveras-Cañellas, José M. Moreno-Navarrete, Estefanía Caballano-Infantes, Gitalee Sarker, Nicolás F. Malvido, Pablo Garrido-Gil, José L. Labandeira-García, Naoki Nakaya, Silvia Mora, Eduardo Chicano, Jaime López-Alcalá, María M. Malagón, Alejandro Martín-Montalvo, Birong Zhang, You Zhou, Ana I. Domingos, Miguel López, Johanna Pörschke, María Gómez-Serrano, Witold Szymanski, Johannes Graumann, Stanislav I. Tomarev, Ismael González-García, José M. Fernández-Real, Francisco J. Ortega. *Nature Communications* 1 (2025) 16:7154. <https://doi.org/10.1038/s41467-025-62430-5>

5. Spatially resolved lipid disruption induced in *Daphnia magna* by environmentally relevant exposure to obesogens tributyltin and pyriproxyfen. Albert Menéndez-Pedriz, Cristina-María López, Eduardo Chicano-Gálvez, Joaquim Jaumot, Carlos Barata, Laia Navarro-Martín. *Aquatic Toxicology* 287 (2025) 107521

6. Comprehensive MSI-based protocols for the spatial lipidomics characterization of microscale organisms. Albert Menéndez-Pedriz, Christoph Bookmeyer, Michiel Vandenbosch, Sutirtha Chattopadhyay, María García-Altares, Eduardo Chicano-Gálvez, Laia Navarro-Martín, Joaquim Jaumot. *Microchemical Journal* 2025. <https://doi.org/10.1016/j.microc.2025.114936>

7. Afamin and Apolipoprotein F Associated With Liver Steatosis From People Living With HIV: A Discovery Study. Mario Frías, Eduardo Chicano-Gálvez, Antonio Rivero-Juárez, Ana Gordon, Diana Corona-Mata, José María Moyano, Ángela Peralbo-Molina, Ángela Camacho, Ignacio Pérez-Valero, María del Mar Malagón, Antonio Rivero. *Alimentary Pharmacology and Therapeutics*, 2025. <https://doi.org/10.1111/apt.70119>

8. A MALDI-MSI-based approach to characterize the spatial distribution of cylindrospermopsin and lipid alterations in rat intestinal tissue. Antonio Casas-Rodríguez, Cristina María López-Vázquez, Remedios Guzmán-Guillén, Nahúm Ayala, Ana María Cameán, Angeles Jos, Eduardo Chicano-Gálvez. *Chemico-Biological Interactions* 412 (2025) 111479. <https://doi.org/10.1016/j.cbi.2025.111479>

9. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. Natalia Hermán-Sánchez, Mercedes del Río-Moreno, Rubén Ciria, Marina E. Sánchez-Frías, Maite G. Fernández-Barrena, Iker Uriarte, Eduardo Chicano-Gálvez, Ignacio Ortea, Ángela Peralbo-Molina, Javier Briceño, Matías A. Avila, Manuel Rodríguez-Perálvarez, Raúl M. Luque, Juan L. López-Cánovas & Manuel D. Gahete. *Molecular Cancer* 24, 15 (2025). <https://doi.org/10.1186/s12943-024-02206-5>

PROJECTS

1. Proteomic characterization of histone methylation changes during cellular aging using pelleted cell samples. Group: Oxidative Stress and Neurodegeneration Group, Medical School, University of Castilla-La Mancha. Principal Investigator: Mario Durán Prado.

2. Targeted proteomic analysis of hypothalamus samples to study the hormonal regulation of energy balance, puberty and reproduction. Group: GC10 “Hormonal regulation of energy balance, puberty and reproduction”, IMIBIC. Principal Investigator: Miguel Ángel Sánchez-Garrido.

3. Proteomic analysis of amyloid seeding and neuroinflammation in a mouse model of Alzheimer’s disease following intracerebral seed injection. Group: BagliettoLab, University of Málaga. Principal Investigator: David Baglietto Vargas.

4. Proteomic analysis of the SARS-CoV-2 accessory protein ORF7a in human epithelial cells (A549) to characterize its role in viral pathogenesis. Group: GA14 Inmunogenómica y Patogénesis Molecular, IMIBIC. Principal Investigator: Tránsito García García.

5. Characterization of the mTORC1 signaling complex (LAMTOR proteins) in a human glioblastoma cell line. Group: Cell Metabolism and Signaling group, CABIMER. Principal Investigator: Raúl V. Durán.

6. Proteomic characterization of oral mesenchymal stem cell-derived extracellular vesicles loaded with hBMP-2 for personalized regenerative therapies. Group: KLAB, GENyO, Granada. Principal Investigator: Karim Benabdellah.

7. Quantitative proteomic analysis of Tape Strip skin samples from patients. Group: GC29 “Immune-mediated Inflammatory Skin Diseases (EICI)”, IMIBIC. Principal Investigator: Jesús Gay Mimbrera.

8. MS imaging analysis of oral squamous cell carcinoma paraffin-embedded tissue samples. Group: CNIO-CNB (Centro Nacional de Biotecnología). Principal Investigator: Héctor Peinado.

9. Lipidomic MS imaging analysis of human optic nerve tissue, comparing control and multiple sclerosis patient samples. Group: UPV-EHU. Principal Investigator: Carlos Matute.

10. Immunoprecipitation-based proteomic characterization and validation of anti-NAIP antibodies. Group: Biología Celular, University of Granada. Principal Investigator: Francisco Abadía-Molina.

11. Proteomic identification of Gasdermin B (GSDMB) in human gel-band samples. Group: Cell Signaling and Metabolism group, CABIMER. Principal Investigator: Jonathan Martínez.

12. Proteomic analysis of liver tissue to study fibrosis (TGF-β) and pro-inflammatory pathways in a mouse model of obesity. Group: GC04 “Inflammation and Cancer”, IMIBIC. Principal Investigator: Eduardo Muñoz.

13. Redox protein proteomics of human cell extracts. Group: GE11 “Redox proteins in physiopathological processes”, IMIBIC. Principal Investigator: Raquel Requejo Aguilar.

14. Proteomic analysis for early diagnostic biomarker discovery in keratoconus and dry eye disease (KERASOS project), including feasibility and staining-test phases. Group: CorneaProject S.L. (CPP22-009889). Principal Investigator: Teresa García-Berrocso.

15. Advanced proteomic analysis of blood-derived subproducts, including microvesicles, exosomes, platelets, and megakaryocyte-derived platelets. Group: LAB7, GENyO, Granada. Principal Investigator: Pedro Real.

16. Method development comparing sample preparation protocols for proteome coverage in zebrafish (*Danio rerio*) brain, plasma, and conditioned media samples. Group: Biochemistry and Molecular Biology, University of Granada. Principal Investigator: María Hernández Valladares.

17. Proteomic analysis of FACS-sorted immune cells to study axial spondyloarthritis, a chronic inflammatory autoimmune disease. Group: GC05 “Chronic Systemic Autoimmune and Inflammatory Diseases of the Musculoskeletal System and Connective Tissue”, IMIBIC. Principal Investigator: Nuria Barbarroja Puerto.

18. Metabolomic profiling of serum in systemic lupus erythematosus. Group: GC05 “Chronic Systemic Autoimmune and Inflammatory Diseases”, IMIBIC. Principal Investigator: Chary López Pedrera.

19. Metabolomics method development: influence of sample preparation protocols on polar metabolite coverage in serum (Master’s thesis, TFM project). Group: FMQ227. Principal Investigator: Mónica Calderón Santiago.

20. Evaluation of a personalized nutritional intervention on serum-derived extracellular vesicles in an aging and diabetes rat model. Group: GC17 “Physiopathology of Endocrine Vitamin D System”, IMIBIC. Principal Investigator: Antonio Casado Díaz.

21. Lipidomic MS imaging analysis of brain tissue in Rasmussen syndrome. Group: Fundación para la Investigación Biomédica, Hospital Infantil Universitario Niño Jesús (Madrid). Principal Investigator: Rosa Guerrero / Verónica Cantarín.

22. Metabolomic MS imaging and LC-MS analysis of mouse midbrain tissue in a Parkinson’s disease model (MCI-Park project). Group: Department of Medical Physiology and Biophysics, IBIS (Sevilla). Principal Investigator: Patricia González.

23. Diagnostic proteomic support characterizing amyloidosis in paraffin-embedded tissue samples. Group: Clinical Management Unit (UGC) of Pathological Anatomy.

COURSES AND WORKSHOPS

1. Master’s degree in Translational Biomedical Research. Subject Proteomics. University of Cordoba

2. Master’s degree in Biotechnology and Biomedicine. University of Jaén

3. Individualised advanced training for research staff: Proteomics/Metabolomics/Lipidomics/MS Imaging.

4. Mentoring of pre-doctoral students and students in professional training.

5. Post-doctoral short-term internships for advanced mass spectrometry analysis

6. International and National congress assistances and scientific publications.

7. XXI IBIS Researchers Forum 2025, IBIS.

8. 8th Meeting for Young Proteomics Researchers (VIII Jornadas Bienales de Jóvenes Investigadores en Proteómica), SEPROT, University of Oviedo.

9. 2nd Conference on Proteomics in Biomedicine (II Jornadas de Proteómica en Biomedicina), iProtea, University of Cádiz.

10. English course, Tweenix.

11. Seminar: “Latest advances in single-cell analysis with ResolveDNA® and ResolveOME™”, Cultek.

12. Learn2Discover course: Machine Learning, University College London.

13. Learn2Discover course: Basic Python and Data Handling, University College London.

14. Leadership course, Universidad Nebrija.

15. ILS2025, Hospital Universitario Ramón y Cajal - IRYCIS.

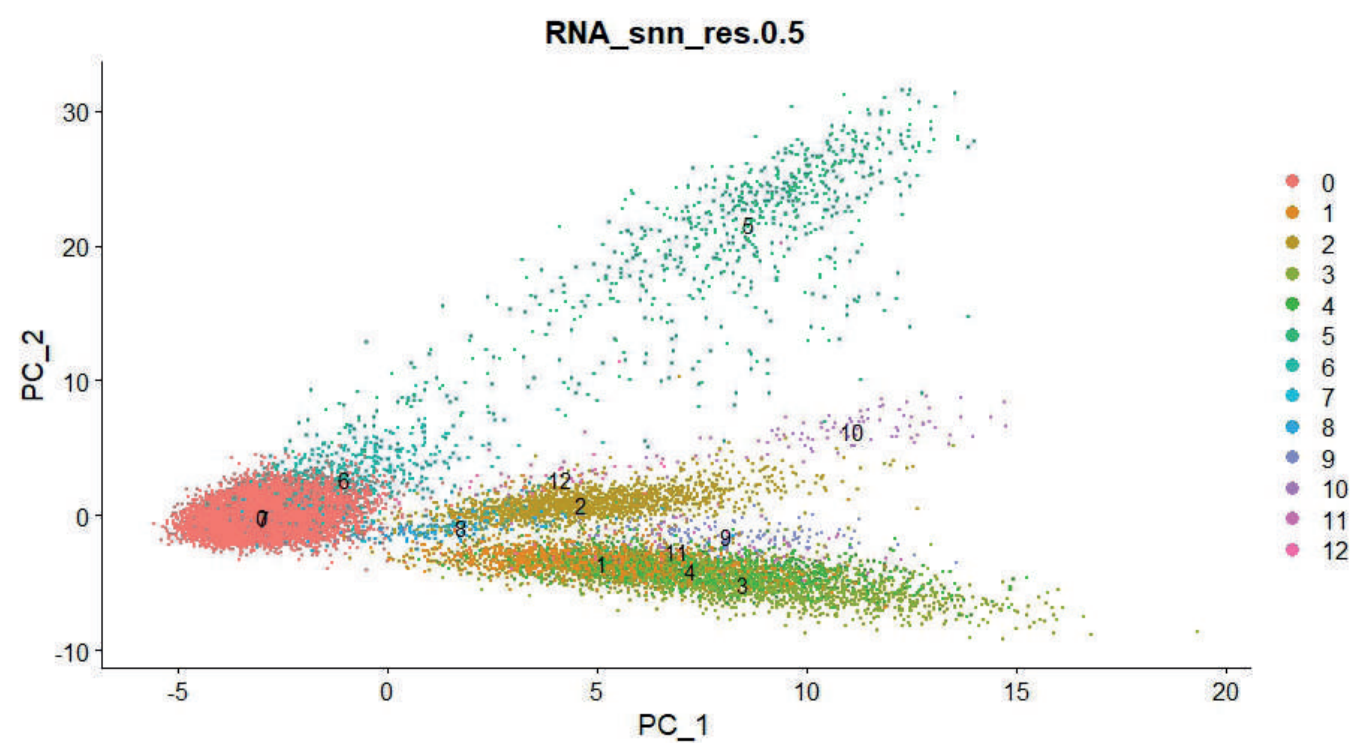
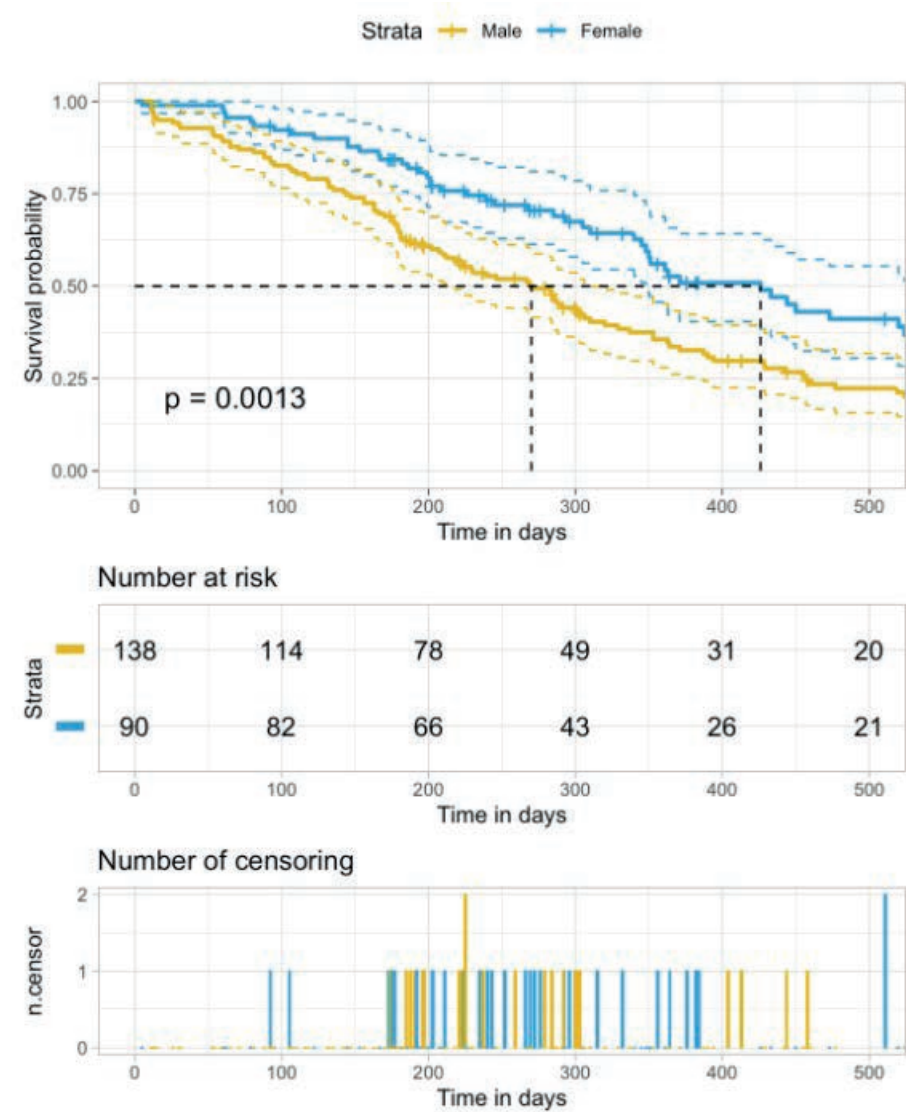
16. 17th IMIBIC Young Investigators Meeting.

17. Advanced English course (C1 level), Universidad Católica de Ávila.

18. English course, C1 exam preparation, INESEM.

19. Ethics and Integrity in Scientific Research, IMIBIC.

12.6 BIOINFORMATICS UNIT



STAFF

Sebastián Ventura Soto, PhD

Head of Unit, Team Leader of the “Knowledge Discovery and Intelligent Systems” (KDIS) research group - Professor of Computer Sciences and Artificial Intelligence at the University of Córdoba.

Adrián Santiago Ortiz

Bioinformatician – FIBICO contract, funded by the Carlos III Institute of Health (ISCIII) under the 2023 AES call, within the Recovery, Transformation and Resilience Plan.

Alberto Vela Castro

Biostatistician - FIBICO contract, through the Investigo Programme.

BRIEF DESCRIPTION

The mission of the Bioinformatics and Biostatistics Unit is to provide engineering and computing resources to satisfy both the bioinformatics analysis requirements and the different technological needs that result from research and clinical practice, with an emphasis on the promotion and implementation of state-of-the-art technologies.

The aim of the bioinformatics and biostatistics area is to support researchers with scientific advice for the experimental design, ad-hoc genomic data analysis, and data visualisation. The unit is currently setting up robust workflows for the various and most common types of genomic data analysis, highlighting the quality control on the several steps to achieve the best results. Also, the Unit plans to be continuously updating to improve the current services and to broaden them in the future based on demand.

Statistical inference is a key aspect of the unit’s support services, involving predictions and generalizations about populations based on sample data. This includes designing experiments, hypothesis testing, confidence intervals, and regression analysis to ensure statistically valid findings. Additionally, the unit leverages machine learning techniques to analyze complex data, predict outcomes, and identify hidden patterns. Survival analysis, another critical expertise, involves modeling time-to-event data using techniques like Kaplan-Meier estimators and Cox proportional hazards models, aiding in developing prognostic models and making informed clinical decisions. By focusing on these methodologies, the unit ensures researchers access cutting-edge technologies for comprehensive data analysis.

EQUIPMENT AND FACILITIES

The equipment of the unit has greatly improved since the Institute acquired a powerful HPC system, which will have an impact on future services and uses of the unit. The unit is currently equipped with the following computing resources:

- BullX R428-E3 node:
 - 4x Intel Xeon E5-4610v2 8c,
 - 32-core,
 - 256 GB RAM
- HPC system:
 - 8 x Intel Xeon Platinum 8260 (24-core – 48 threads each),
 - 3072 GB RAM DDR4-2933 per server,
 - 4x GPUs NVIDIA V100S (32 GB each),
 - 8x SSD SATA (1,92 TB each)
 - 48 TB HDD | 12 TB HDD Raid System

MAIN SERVICES

» BIOINFORMATICS

- Raw data pre-processing and cleaning to subsequent analysis.
- Analysis and integration of omic data. Bioinformatic assistant to studies focus on genomic, transcriptomic (RNA-seq and single cell), proteomic, methylation...
- Differential expression analysis between experimental groups or conditions.
- Metagenomic studies and microbiome analysis using 16s rRNA amplicon sequencing.
- Develop algorithms and in-house scripts to solve user requirements such as filtering and integration of large databases, databases transformation...
- Consultancy to apply projects.
- Analysis of biological significant using methods such as Over-Representation Analysis (ORA), Gene Ontology analysis (GO-terms), pathways (Kegg database) and Gene-Set Enrichment Analysis (GSEA).
- Filogenetic analysis.
- Bacterial genome annotation.

» **BIOSTATISTICS**

- Review of methodology and research protocols: define hypothesis and objectives, variable selection, define statistical analysis...
- Consultancy about techniques and statistical methodologies.
- Sample size calculation.
- Exploratory data analysis and descriptive statistics.
- Inferential statistical analysis (univariate and multivariate).
- Evaluation of diagnostic tests: sensitivity, specificity, predicted values, ROC curves...
- Analysis of surveillance data.
- Longitudinal data analysis.
- Omic data and high-dimensional data analysis
- Other statistical techniques (bayesian analysis, meta-analysis...).

KEY FACTS

Throughout 2025, the unit has successfully developed and implemented several advanced analysis pipelines and specialized protocols to meet the evolving needs of the scientific community:

- Advanced metagenomics:
 - Development of a pipeline for 16S rRNA and fungal metagenomic analysis.
 - Implementation of advanced techniques for diversity estimation (alpha and beta diversity) in metagenomic studies.
- Complex statistical modeling:
 - Development of a pipeline for competing risks analysis.
 - Implementation of propensity score matching/weighting methods.
 - Development of a pipeline for the Actor–Partner Interdependence Model (APIM).
- Data Science and network snalytics:
 - Application and development of Network Graph analysis techniques.
 - Creation of a dedicated pipeline for demographic studies.
- Data governance:
 - Design and implementation of Data Management Plans (DMP).

Active collaboration with research groups has had a direct impact on improving the methodological quality of projects, facilitating the adoption of advanced analysis techniques, and strengthening the unit’s role as a cross-cutting support resource within IMIBIC’s research structure.

Some indicators for the year:

- NUMBER OF IMIBIC USERS (groups): 23 (9 IMIBIC groups)
- NUMBER OF EXTERNAL USERS: 6
- NUMBER OF PUBLICATIONS: 1
- NUMBER OF SUPPORTED INTERNAL PROJECTS: 20
- NUMBER OF SUPPORTED EXTERNAL PROJECTS: 4
- NUMBER OF MEETINGS WITH IMIBIC GROUPS: 45
- NUMBER OF MEETINGS WITH EXTERNAL GROUPS: 10

PROJECTS

During 2025, the unit was involved in the following project;

- SMARTCLOTH. Design, implementation, and efficacy study of a digital placemat for diet self-management in diabetic patients.
 - PI: Guillermo Molina Recio
 - File: PI21/01602
- Validation of new therapeutic targets for a rare malignant disease: The Pseudomyxoma Peritonei.
 - PI: Álvaro Arjona Sánchez
 - File: PRYES223170ARJO
- Integrated analysis using omics technologies and artificial intelligence for the identification and implementation of personalized medicine tools in spondyloarthritis.
 - PI: Clementina López Medina
 - File: PMP21/00119

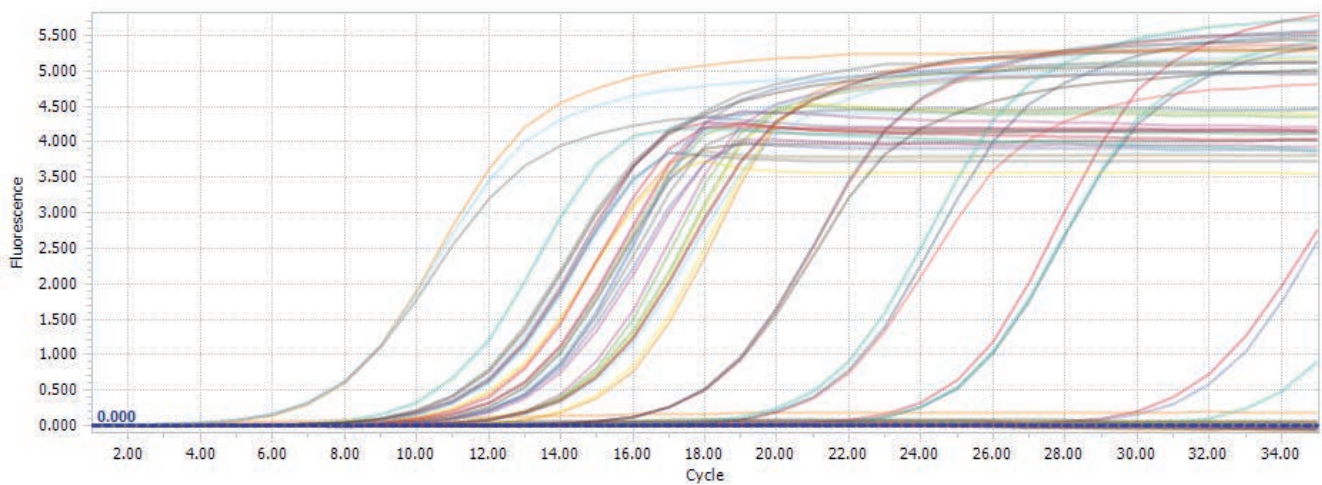
- Therapeutic potential of NAD+ precursors in chronic inflammatory rheumatic diseases.
 - PI: Carlos Pérez Sánchez
 - File: FAR-2025-001
- ESGHV-RHEV Study - Evaluation of Rocahepevirus ratti infection as emerging cause of acute hepatitis of unknown origin in Europe.
 - PI: Antonio Rivero Román
 - File: ESCMID-2023-01
- Viral metagenomic exploration and development of a screening panel for acute hepatitis of unknown origin.
 - IP: Javier Caballero Gómez
 - File: PI24/01105
- Diet as a modulating factor in the chronodisruption generated by Daylight Saving Time (DST) in the development of cardiovascular diseases.
 - PI: Pablo Jesus Lopez Soto
 - File: PI19/01405
- Clinical trial of the efficacy and safety of the combination of reduced-duration prophylaxis followed by immunoguided prophylaxis in lung transplant recipients (Cytocor study).
 - PI: Julian Carlos de la Torre Cisneros
 - File: PI18/00099
- New therapeutic targets, drug repositioning and identification of translational biomarkers in autoimmune diseases using multi-omics analysis and artificial intelligence.
 - PI: Rosario López Pedrera
 - File: PI21/00591
- ÚNICAS. Implementation of a pediatric personalized medicine network for rare pediatric diseases. A pilot project.
 - PI: Eduardo Lopez Laso (Córdoba Node)
 - File: PMP22/00008
- Incorporation of Proteomic and Radiomic Tools to Improve the Detection and Stratification of Clinically Significant Prostate Cancer.
 - PI: Enrique Gomez Gomez
 - File: PI22/01769
- External validation of a nomogram to predict the positivity of a PSMA PET/CT in biochemical recurrence after local treatment in a multicenter Andalusian group (PSMAND).
 - PI: Enrique Gomez Gomez
 - File: AAU24/01

COURSES AND WORKSHOPS

Courses offered during 2025:

- Biomedical Data Exploration in R: From the Lab to Code.
- The power to exploit your data - R Beginners Course (8 hours).

12.7 GENOMICS UNIT



STAFF

Álvaro Jiménez Arranz

Head of Genomics Unit - Recipient of a competitive contract from the 2015 Call for “Ayudas para la Vinculación de Técnicos de Apoyo a ECAIs” (SSPA).

Beatriz Domingo Escudero

Technical Specialist - Recipient of a competitive contract from the 2024 Call for “Ayudas para Personal Técnico de Apoyo” (MICINN).

Pilar Rubín González de Canales

Laboratory Technician - Recipient of a competitive contract from the 2020 Call for “Ayudas para Personal Técnico de Apoyo” (MICINN).

María García Cruz

Laboratory Technician - Contract financed with FIBICO-IMIBIC’s own funds.

BRIEF DESCRIPTION

The aim of the IMIBIC Genomics Unit is to provide researchers with cutting-edge technologies and scientific/technical advice for the development of analytical techniques dedicated to the integral study of DNA and RNA. This allows researchers to obtain high-quality results for the development of biomedical research of excellence.

The Unit offers its services to researchers both at IMIBIC and other public and private institutions. The Genomics Unit collaborates closely with other Research Support Services, such as Bioinformatics, Cytometry, Microscopy and Mass Spectrometry (IMSMI).

The IMIBIC Genomics Unit is accredited as a ‘Clinical Genetics Unit’ (N.I.C.A.: 57798) and has a Quality Management System in accordance with the ISO 9001:2015 Quality Standard.

EQUIPMENT AND FACILITIES

• NGS (Next Generation Sequencing)

The Unit currently has 2 NGS sequencers based on Illumina’s Sequencing by Synthesis (SBS) technology:

- MiSeq
- NextSeq 2000

The different capacities of both sequencers provide a high versatility to the NGS services of the Unit, allowing to offer applications ranging from the study of the bacterial 16S rRNA gene to the analysis of human genomes.

• nCounter FLEX / NanoString technology

The NanoString’s nCounter system uses molecular barcodes linked to specific probes that enable the detection and counting of hundreds of targets in a single reaction without amplification or retrotranscription, thereby decreasing the associated bias and increasing reproducibility. Multiple applications include gene expression analysis, gene fusion, copy

number variation (CNV) and simultaneous analysis of mRNAs and miRNAs. These applications, together with its Dx/CE-IVD certificate for the performance of analyses with healthcare-quality, make NCounter a tool of great interest for clinical use.

• Single-cell technologies

The Unit has 2 single-cell analysis platforms:

- Nadia
- C1

These technologies allow, among other possibilities, to analyse and compare gene expression profiles at the single-cell level thanks to the combination with the NextSeq 2000 NGS sequencer or the Biomark HD-Juno high-throughput qPCR platform.

• Digital PCR (dPCR): QX200 Digital Droplet PCR System

The digital PCR offers a more precise and sensitive alternative to conventional qPCR for absolute quantification and detection of rare alleles without the need of standards or endogenous controls due to droplet partitioning.

• Quantitative PCR (qPCR)

The Unit currently has 4 qPCR instruments aimed, among other applications, at genotyping and gene expression studies:

- Light Cycler 96 (96-well system)
- QuantStudio 5 (96-well system)
- QuantStudio 7 Flex (96-well, 384-well and Taqman Array Cards system)
- Biomark HD-Juno (High-throughput nanofluidics system)

With regard to IMIBIC research staff, the Unit offers the possibility of using the qPCR instruments under a “self-service” system (without a technical operator).

• Quality Control equipment

The Unit has different technologies for quantification, quality analysis and size determination of nucleic acid fragments:

- DeNovix DS-11 (Spectrophotometer)
- Quantus (Fluorometer)
- 2200 TapeStation (Microelectrophoresis)

MAIN SERVICES

- Technical support and scientific and methodological advice on the choice and optimization of genomic techniques
- Design support for NGS or NCounter targeted panels
- Technical and scientific support in the use of qPCR platforms and probe design
- Nucleic acid quality controls (spectrophotometry, fluorometry and microelectrophoresis)
- Analysis of targeted gene expression panels (up to 800 genes) using NCounter System
- PAM50-signature Analysis (ProsignaTM) for breast cancer prognosis
- Analysis of custom panels for detection of targeted fusion genes by NCounter System
- Screening of up to 800 miRNAs in tissue, peripheral blood cells and serum/plasma by NCounter System
- Gene expression and genotyping studies using real-time PCR
- Absolute quantification by Droplet Digital PCR System (viral load analysis...)
- Liquid biopsy (cfDNA and cfRNA): Rare mutation detection by ddPCR and analysis of SNVs, Indels, CNVs, fusions and gene expression profiles by NGS
- Analysis of SNVs, Indels and CNVs in peripheral blood cells and tissue by NGS or Ncounter System
- Characterization of bacterial populations by 16S rRNA and shotgun sequencing
- Targeted sequencing for the characterization of Mycobacteria and SARS-CoV-2, among others (epidemiological monitoring protocol)
- RNA-Seq
- Single-cell RNA-Seq and single-nuclei RNA-Seq
- ATAC-Seq
- REAP-Seq
- ChIP-Seq
- DNA methylation analysis by NGS
- NGS library preparation
- NGS by Illumina Miseq and NextSeq 2000
- Training and support in the use of data analysis software related to the Unit’s technology

KEY FACTS

In 2025, the Genomics Unit continued the trend of a steady increase in the number of projects and users since its creation in 2015; More than 20.000 research and clinical diagnostic samples were analysed in 2025 with the Unit’s technologies and 209 users were supported. These users belonged to 28 of the 49 IMIBIC groups, 4 Departments of the University of Córdoba (Genetics Department-Faculty of Sciences, Animal Health Department-Faculty of Veterinary Science, Biochemistry and Molecular Biology Department-Faculty of Sciences, Physiology and Immunology Department-Faculty of Sciences) and 5 Departments of Reina Sofia University Hospital (Pathological Anatomy, Oncology, Haematology, Immunology and Microbiology). In addition, several external centers have requested our services, such as UCM-Complutense University of Madrid, National Centre of Epidemiology-ISCIII, INCLIVA-Biomedical Research Institute of Valencia, Doñana Biological Station (EBD-CSIC), COBIOMIC Bioscience, TTD-Group for the Treatment of Digestive Tumors, and GEICAM-Spanish Breast Cancer Research Group.

New services have been developed, such as scATAC-Seq and the characterization of viruses using shotgun sequencing. Furthermore, existing protocols and services have been improved in line with the principles of good laboratory practice (GLP) to ensure the quality, reproducibility and reliability of the results.

The Genomics Unit of IMIBIC is accredited since 2021 as “Clinical Genetics Unit” and participates in a multidisciplinary team, together with several departments of the Reina Sofia University Hospital (HURS), aimed at the implementation of genomic diagnostic protocols in the Andalusian Public Health Service. The Unit carries out services developed together with the Departments of Pathological Anatomy, Oncology and Hematology of the HURS, such as the PAM50-breast cancer prognostic gene signature (ProsignaTM), and is part of the Research Board in Molecular Clinical Oncology, focused on the evaluation of NGS as a diagnostic, prognostic and therapeutic tool for oncology patients.

The Unit participates as a collaborator laboratory in projects of the Pethema Foundation and the TTD (Spanish Group for the Treatment of Digestive Tumours) and GEICAM (Spanish Breast Cancer Research Group) groups. In addition, the Unit collaborates in different clinical trials with the pharmaceutical industry and in inter-laboratory validations of genetic/genomic diagnostic kits from different companies. Furthermore, the Unit is part of several laboratory networks, such as the EATRIS network (European Infrastructure for Translational Medicine), Innolabs and the Novartis laboratory network.

In 2025, The Genomics Unit has been re-certified in according to the ISO 9001:2015 standards for its quality management system.

NUMBER OF IMIBIC USERS: 188 (28 IMIBIC GROUPS)

NUMBER OF EXTERNAL USERS: 21 (11 EXTERNAL CENTRES)

NUMBER OF PUBLICATIONS: 16

COURSES AND TRAINING SESSIONS: 5

FEATURED ARTICLES

A total of 16 scientific articles were published in 2025 using the services and equipment of the Genomics Unit, including the following:

- Espejo-Cruz ML, González-Rubio S, Espejo JJ, Zamora-Olaya JM, Prieto-Torre M, Linares CI, Ruiz-Ramas Á, Jiménez-Arranz Á, Guerrero-Misas M, Barrera-Baena P, Poyato-González A, Montero JL, Sánchez-Frías M, Ayllón MD, Rodríguez-Perálvarez ML, de la Mata M, Ferrín G. Early release of circulating tumor cells after transarterial chemoembolization hinders therapeutic response in patients with hepatocellular carcinoma. J Transl Med. 2025 Jan 30;23(1):139. doi: 10.1186/s12967-025-06092-3. PMID: 39885581; PMCID: PMC11783761. (GC02)
- Santiago-Lamelas L, Castro-Santos P, deAndrés-Galiana EJ, Fernández-Martínez JL, Escudero-Contreras A, Pérez-Sanchez C, Sánchez-Pareja I, López-Pedrerera C, Jelinsky SA, Nikitsina M, Gonzalez-Alvaro I, Sobrín RDS, Mera A, Durán J, Díaz-Peña R. Identification of a novel transcriptome signature for predicting the response to anti-TNF-α treatment in patients with rheumatoid arthritis. Ann Rheum Dis. 2026 Jan;85(1):128-137. doi: 10.1016/j.ard.2025.08.003. Epub 2025 Sep 3. PMID: 40908203. (GC05)
- Peña-Enríquez R, Bermejo B, Pollán M, Díaz-Chacón A, Jerez Gilarranz Y, Ponce Lorenzo JJ, Fernández Aramburo A, Cantos Sánchez de Ibargüen B, Santaballa Bertrán A, Galve-Calvo E, Jiménez-Arranz Á, Fernández Y, Pérez ME, De La Cruz S, Anton-Torres A, Moreno F, Vidal-Losada MJ, López-Ceballos MH, Blancas I, Echarri MJ, Rincón R, Caballero R, Guerrero-Zotano Á, Guil-Luna S, de la Haba-Rodríguez J. Molecular characterization of pregnancy-associated breast cancer and insights on timing from GEICAM-EMBARCAM study. NPJ Breast Cancer. 2025 Feb 8;11(1):12. doi: 10.1038/s41523-025-00718-x. PMID: 39922815; PMCID: PMC11807221. (GC06)
- Guerrero F, Carmona A, Jiménez MJ, Ariza F, Obrero T, Berdud I, Carrillo-Carrión C, Rodríguez M, Soriano S, Muñoz-Castañeda JR, Martín-Malo A. New biomarkers of inflammation associated with haemodialysis. Clin Kidney J. 2025 Jul 10;18(8):sfaf223. doi: 10.1093/ckj/sfaf223. PMID: 40832121; PMCID: PMC12358798. (GC07)

- Boluda B, Rodríguez-Veiga R, Sargas C, Ayala R, Larráyoz MJ, Chillón MC, Soria-Saldise E, Bilbao C, Prados de la Torre E, Navarro I, Martinez-Cuadron D, Gil C, Bernal T, Bergua J, Algarra L, Tormo M, Martínez-Sanchez P, Carrillo-Cruz E, Serrano J, Alonso-Domínguez JM, García R, Amigo ML, Herrera-Puente P, Sayas MJ, Lavilla-Rubira E, García-Pérez MJ, Morán J, Pérez-Santaolalla E, Alonso-Vence N, Oliva A, López JA, Barrios M, García-Fortes M, Olave MT, Labrador J, Martínez-López J, Calasanz MJ, García-Sanz R, Pérez-Simón JA, Gómez-Casares MT, Sánchez-García J, Mendizabal Y, Barragán E, Montesinos P; PETHEMA Group. Conventional PCR Versus Next Generation Sequencing for Diagnosis of FLT3, IDH and NPM1 Mutations in Acute Myeloid Leukemia: Results of the PETHEMA PCR-LMA Study. Cancers (Basel). 2025 Mar 1;17(5):854. doi: 10.3390/cancers17050854. PMID: 40075701; PMCID: PMC11898636. (GC16)
- Torrecilla-Parra M, Pardo-Marqués V, Fuentes-Fayos AC, G-García ME, Fernández-de Frutos M, López-Aceituno JL, Puigdueta C, Zamora C, Pérez-García A, Aranda JF, Busto R, Gahete MD, Luque RM, Ramírez CM. MiR-7 inhibits progression of glioblastoma by impairing autophagy resolution, energy metabolism and ECM remodeling. J Exp Clin Cancer Res. 2025 Aug 14;44(1):237. doi: 10.1186/s13046-025-03504-6. PMID: 40813676; PMCID: PMC12351809. (GC27)
- Blanca A, Lopez-Beltran A, Gomez-Gomez E, Campos-Hernández P, Cimadamore A, Montironi R, Cheng L. Prognostic Significance of Programmed Cell Death-1, Programmed Cell Death-Ligand 1, Programmed Cell Death-Ligand 2, and Fibroblast Growth Factor Receptor 3 mRNA Expression in Bladder Cancer. Pathobiology. 2025;92(4):202-215. doi: 10.1159/000544733. Epub 2025 Feb 26. PMID: 40010309. (GE05)

COURSES AND WORKSHOPS

- 12 users have been trained in the use of some of the instruments under the Unit’s “self-service” system, such as qPCR technologies.
- 26 users have received specific training in experimental design, technical applications and data analysis relating to the Unit’s equipment.
- In addition, several dissemination actions have been carried out:
 - Technical seminars such as: “Soluciones para tus experimentos de Biología Molecular”, in collaboration with the company Thermo Fisher Scientific
 - Technical workshops such as “Un Café con las UCAIBs”, in collaboration with other IMIBIC Core Facilities
 - Open days for different schools, universities and organizations

12.8 CLINICAL RESEARCH UNIT



STAFF

Juan de la Haba Rodríguez, PhD
Clinical Research Coordinator

Jaime Monserrat Villatoro, MD
Clinical Pharmacologist

José Carlos Garrido Gracia, PhD
Javier Barba Ramírez
Lourdes Alcaide Ruggiero, PhD
Patricia Lara Robles
María Covadonga Huergo González
Clinical Trial Managers

Marta Aguirre Suárez
Marta Checa Expósito
María Dolores Díez Ruano
Carmen María Jiménez Ríos
Juan María Marín Fernández
María Estela Mayen Jiménez
Miguel Puentes Aguado
Nurses

Inmaculada Gálvez Membrives
Elena Parrado González
Rubén Sánchez Nieves
Rafaela Vacas Bueno
Nursing Assistants

BRIEF DESCRIPTION

The IMIBIC Clinical Research Unit promotes clinical research at the IMIBIC and Reina Sofia University Hospital and aims to establish collaborations with other research centres

The Unit focuses on the development of clinical trials including design, feasibility, regulatory affairs, launch, management, monitoring, pharmacovigilance, data management, statistics and delivery of clinical assistance. All operations are GCP compliant.

The IMIBIC Clinical Research Unit consists of two facilities: Early Phase Clinical Trial Unit (Phase I-II trials), located at the Provincial Hospital and the Clinical Trials Unit, located at General Hospital mainly dedicated to phase III-IV studies and conducted on an outpatient basis.

The unit has a Clinical Research Plan which is included in the 2021-2025 Strategic Plan. This plan includes a set of indicators which enable the unit to monitor it in quantitative terms. This monitoring is evidenced by the Clinical Research Committee, which meets every six months.

Finally, it is important to highlight that the IMIBIC Clinical Research Unit is part of the SCREN Platform (Spanish Clinical Research Network ISCIII).

EQUIPMENT AND FACILITIES

» CLINICAL TRIALS UNIT

Adults

- 7 doctor’s consulting rooms and a storeroom
- 1 hospital wards, containing the following stuff:
 - 4 armchairs
 - 1 single bed.
 - a crash trolley with semi-automatic defibrillator
 - emergency medication
 - intravenous fluids
 - 1 healing trolleys
 - oxygen outlets in all positions
- 12-lead ECGs
- Measuring boards and scales
- Blood pressure monitor in each office
- Customized bathrooms
- Individual lockers for patients
- 1 waiting rooms for patients and family
- 1 multi-purpose room
- 2 storerooms for materials
- 2 archives

Paediatric

- 2 doctor’s consulting rooms and a storeroom
- 1 hospital wards, containing the following stuff:
 - 3 armchairs
 - a crash trolley with semi-automatic defibrillator
 - emergency medication
 - intravenous fluids
 - 1 healing trolleys
 - oxygen outlets in all positions
- 12-lead ECGs
- Measuring boards and scales
- Blood pressure monitor in each office
- Customized bathrooms
- Individual lockers for patients
- 1 waiting rooms for patients and family
- 1 multi-purpose room
- 1 storerooms for materials
- 1 archives room

Common:

- High-definition ultrasound scanner
- 1 laboratories for sample processing
 - Centrifuges
 - 1 safety cabinet.
 - 1 Ultra freezer (-80°C)
 - 1 Combi fridge (2-8°C and -20°C)
- 6 offices for study coordinators
- 1 offices for the CRA
- 1 meeting room
- 1 training room

» EARLY PHASES CLINICAL TRIALS UNIT

- 2 doctor’s consulting rooms
- 1 nurse’s consulting room
- 1 storeroom
- 1 hospital wards, containing the following stuff:
 - 6 armchairs
 - 1 hospital room with 2 single beds.
 - a crash trolley with manual and semi-automatic defibrillator
 - emergency medication
 - intravenous fluids
 - 1 healing trolleys
 - oxygen outlets in all positions
 - Audiovisual system
- 12-lead ECGs
- Measuring boards and scales
- Blood pressure monitor in each armchair.
- Customized bathrooms
- 1 living rooms for patients
- 1 laboratories for sample processing
 - 1 refrigerated centrifuge
 - 1 safety cabinet.
 - 1 Ultra freezer (-80°C)
 - 1 Combi fridge (2-8°C and -20°C)
- 2 cabinets for materials
- 1 offices for study coordinators
- 1 offices for the CRA
- 1 archives room

MAIN SERVICES

- Methodological support
- Launch and regulatory affairs
- Study development
- Monitoring
- Pharmacovigilance
- Delivery of clinical assistance
- Feasibility and start-up support processes for pharmaceutical companies, CROs, and Investigators

KEY FACTS

- ACREDITATION OF THE EARLY-PHASE CLINCIAL TRIALS UNIT AT REINA SOFIA UNIVERSITARY HOSPITAL BY THE ANDALUSIAN AGENCY FOR HEALTHCARE QUALITY (ACSA), **7 APRIL 2025**.
- INTEGRATION OF THE IMIBIC PHARMACOVIGILANCE UNIT INTO THE SCReN NETWORK, **MAY 2025**.
- NUMBER OF NEW PHASE I AND II CLINICAL TRIALS: **40 (16 phase I)**
- NUMBER OF NEW INDEPENDENT CLINICAL STUDIES (CLINICAL TRIALS, OBSERVATIONAL STUDIES AND CLINICAL INVESTIGATIONS WITH MEDICAL DEVICES) PROMOTED BY IMIBIC INVESTIGATORS: **4**
- NUMBER OF CLINICAL TRIALS (MANAGEMENT AND/OR MONITORING BY CLINICAL RESEARCH UNIT): **37**
- ANNUAL INVOICING FOR CLINICAL STUDIES (CLINICAL TRIALS, OBSERVATIONAL STUDIES AND CLINICAL RESEARCH WITH MEDICAL DEVICES) PROMOTED BY THE PHARMACEUTICAL INDUSTRY AND TOTAL VOLUME OF FINANCIAL REPORTS SIGNED DURING THE YEAR: **5.491 m€ (invoicing) and 12.613 m€ (total volume of financial reports signed)**
- ANNUAL INVOICING FROM CRO SERVICES PROVIDED BY THE UIC: **166.695 €**
- PHARMA OR CRO CLINICAL TRIALS PROPOSALS RECEIVED BY CLINICAL RESEARCH UNIT AND REDIRECTED TO INVESTIGATORS: **142**

FEATURED ARTICLES

1. Páez-Vega, Aurora et al. “Safety and efficacy of immunoguided prophylaxis for cytomegalovirus disease in low-risk lung transplant recipients in Spain: a multicentre, open-label, randomised, phase 3, noninferiority trial.” The Lancet regional health. Europe vol. 52 101268. 26 Mar. 2025, doi:10.1016/j.lanepe.2025.101268
2. Arjona-Sánchez, Alvaro et al. “Efficacy and safety of intraoperative hyperthermic intraperitoneal chemotherapy for locally advanced colorectal cancer (HIPECT4): final analysis of randomized clinical trial.” BJS open vol. 10,2 (2025): zrag002. doi:10.1093/bjsopen/zrag002

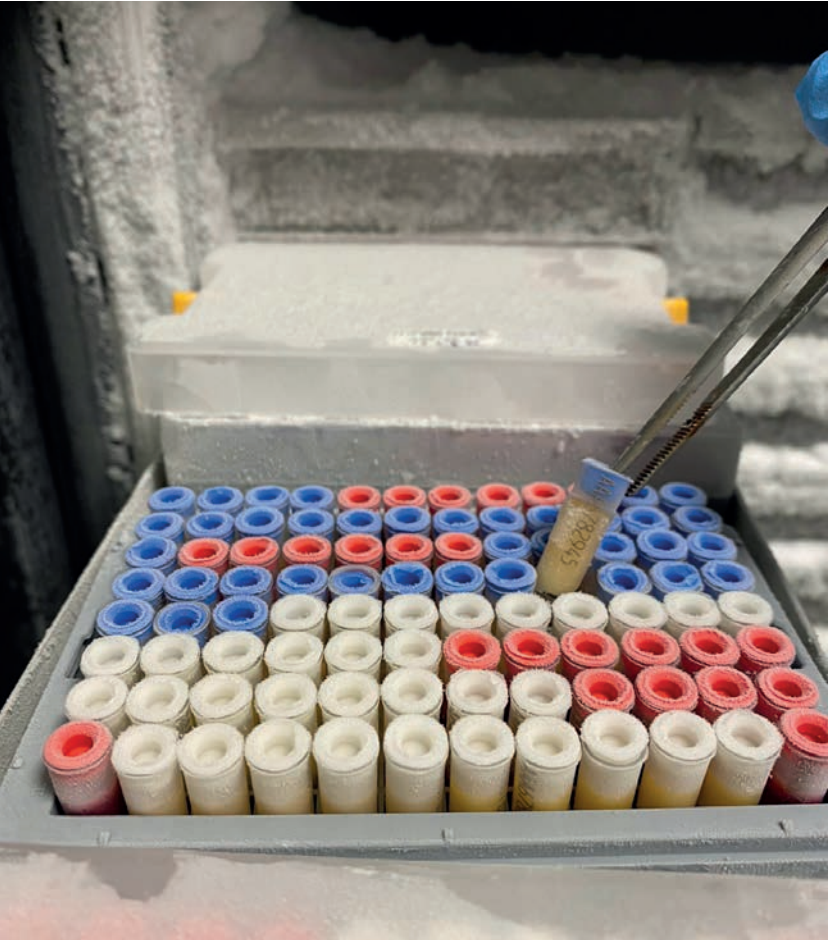
KEY CLINICAL TRIALS (MANAGEMENT AND MONITORING BY CLINICAL RESEARCH UNIT)

1. REMAP-CAP: Randomized, Embedded, Multifactorial Adaptive Platform trial for Community-Acquired Pneumonia. 5 participating sites, 308 subjects included. Sponsor: University of Utrech. Clinical Research Unit as sub-contractor.
2. Phase I-II clinical trial to evaluate the safety and tolerability of a new optimized anti CD19 CAR-T (AWARI) in patients with relapsed or refractory B lineage neoplasms. In Start-up process. Sponsor: FIBICO. Study included in SCReN Platform. In Start-up process. Sponsor: FIBICO. Study included in SCReN Platform
3. Supplementation with Nicotinamide as a Novel Therapeutic Strategy in Patients with Rheumatoid Arthritis (NAMCOR Study). 7 participating sites. Sponsor: FIBICO. In Start-up process. Study included in SCReN Platform
4. Efficacy of the use of neoadjuvant with/without hyperthermic intraperitoneal chemotherapy in the treatment of locally advanced colon cancer: A phase III multi-arm, randomized and controlled clinical trial (FOXHIPECT4). 27 participating sites, recruiting. Sponsor: FIBICO. Study included in SCReN Platform.
5. Efficacy and Safety Clinical Trial for Immune-Guided Prevention of CMV Infection in Low-Risk Kidney Transplantation. (INMUNOVIR Study). Study included in SCReN Platform. 9 participating sites, recruiting.
6. A prospective clinical trial to evaluate the clinical value and cost-effectiveness of a personalised prevention programme in subjects with high-risk stable Coronary Heart Disease. Sponsor: University of Tampere. 9 participating sites. In Start-up process. Clinical Research Unit as sub-contractor.

COURSES AND WORKSHOPS

- 1. Basics in Clinical Research Documentation – 23-JAN-2025.
- 2. Prometeo, a practical case: online session SCReN – 29-JAN-2025.
- 3. The Secret of Success: Key Insights in Clinical Research and Trials. Navigating the Legal and Ethical Framework for Clinical Trials (Spanish Society of Internal Medicine) – 11-JUNE-2025
- 4. Clinical Research Academy (2nd edition): Role-Play: Informed Consent in a Type 2 Diabetes Clinical Trial – 10-OCT-2025.
- 5. Master in Traslacional Biomedical Research: clinical trials module: University of Córdoba – 04-NOV-2025
- 6. Good Clinical Research Documentation Practices (IMIBIC) -11-DEC-2025.
- 7. Basics in Clinical Investigation (Legal and Billing Department) -11-DEC-2025

12.9. BIOBANK UNIT



STAFF

- Rafael Sánchez Sánchez**
Scientific Manager
- Fernando López López**
Technician
- Rocío Muñoz Rodríguez**
Technician

BRIEF DESCRIPTION

The Biobank Unit is a research support platform whose role is to serve as a link between doctors, researchers and patients donating biological samples for biomedical research in order to ensure compliance with all the legal and ethical guarantees in force.

The IMIBIC Biobank is part of the Andalusian Public Health System Biobank (SSPA), an initiative of the Department of Equality, Health and Social Policy of the Regional Government. It is part of the thematic network of Hospital Biobanks belonging to the National Institute of Health Carlos III (ISCIII), and a subprogram of the Thematic Networks for Cooperative Research in Health (RETICS).

EQUIPMENT AND FACILITIES

The Unit has its own laboratory resources for sample transformation (safety booths, PCR cabinet, cryostat microtome, floating bath, centrifuge, histo bath, automated tissue processor for embedding in paraffin, paraffin wax dispenser, etc.) and other equipment such as:

- TissueSAFE: fully automated preparation of tissue samples under vacuum.
- Tissue Arrayer: assembles different tissue samples in a single 3D matrix for subsequent histological analysis.
- Quiacube: Automatic, compact system for analysis of DNA, RNA, plasmids and proteins from different samples.

For sample storage, there are currently three types of freezer: one for temperatures of 4°C, two for temperatures of -20°C, and seven for -80°C. There is also a room to store paraffin blocks at room temperature.

MAIN SERVICES

The service portfolio is divided into four main areas:

- Custody: storing samples at different temperatures.
- Processing: transforming multiple types of biological sample in accordance with the procedures and technical criteria generally used by researchers in their projects.
- Provision of human samples and data on human health and disease research, selected according to the specific clinical and diagnostic criteria of researchers.
- Technical, scientific and ethical consultancy concerning the collection, storage, and management of human samples in biomedical research.

In 2021, the quality management system of the Cordoba Biobank node of the Andalusian Public Health System (SSPA) Biobank system was certified in accordance with ISO 9001:2015, which is the international standard regulating quality management systems. The scope of the quality management system implemented in the provincial nodes of the Biobank covers the provision, custody and processing of blood products or derivatives, tissues, substances or biological samples of human origin, and human embryonic and adult stem cell lines for use in research and teaching. In 2024, the certificate was renewed.

KEY FACTS

NUMBER OF IMIBIC USERS: 20

NUMBER OF EXTERNAL USERS: 5

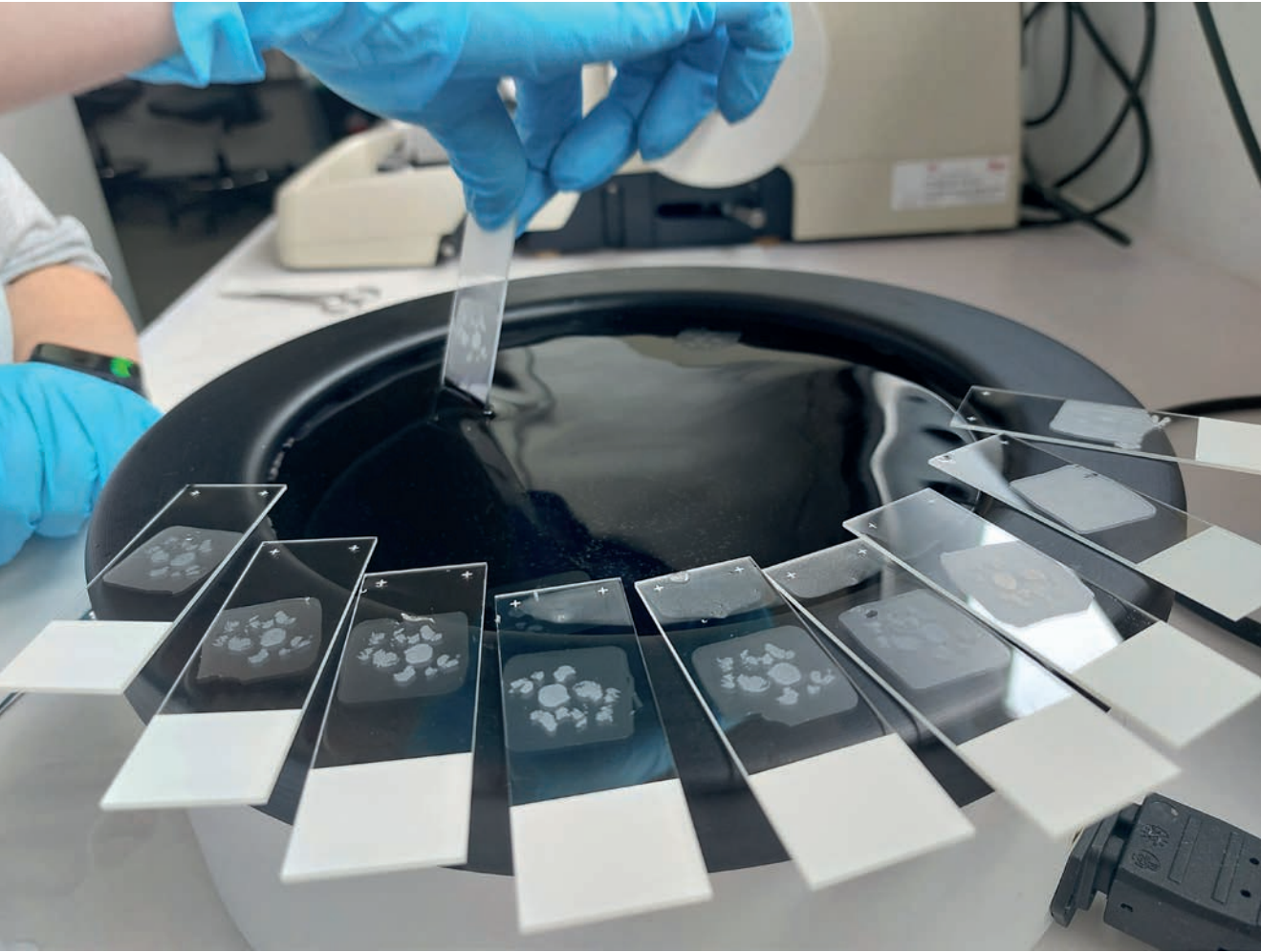
FEATURED ARTICLES

1. Afamin and Apolipoprotein F Associated With Liver Steatosis From People Living With HIV: A Discovery Study. Frías M et all. PMID: 40159812.
2. Exploring RNA biology in pseudomyxoma peritonei uncovers splicing dysregulation as a novel, targetable molecular vulnerability. Moreno-Montilla MT et all. PMID: 40301643.
3. Hepatitis E virus screening in solid organ transplant recipients: prevalence and implications for implementation, Spain, 2021 to 2023. Pereira S et all. PMID: 41199705.
4. Epidemiological landscape in a Mediterranean hotspot of human leishmaniosis in Spain under a One Health approach. Barbero Moyano J. PMID: 40122138.
5. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. Hermán Sánchez N. PMID: 39810176.
6. miR-191–5p: A tumour suppressor miRNA and a personalized biomarker and potential therapeutic tool connecting prostate cancer and obesity. Porcel-Pastrana F et all. PMID: 40618585.

COURSES AND WORKSHOPS

- Workshop “Ethical and legal aspects in the management and use of human biological samples in research projects”. 4rd edition. 25 September 2025.
- Workshop FIBRA BLANCA EN LA NEUROPLASTICIDAD, INTEGRACIÓN Y SINCRONIZACIÓN CEREBRAL. 3er edition. 29-31 January 2025.

12.10 LABORATORY AND SCIENTIFIC-TECHNICAL INFRASTRUCTURE MANAGEMENT UNIT



STAFF

Esther Rivero Cortés

Senior Technical Specialist- Head of Unit

Sandra González Prieto

Histology Technician

BRIEF DESCRIPTION

The Laboratory and Scientific-Technical Infrastructure Management Unit provides comprehensive support to ensure the optimal and efficient functioning of IMIBIC’s laboratories and scientific platforms. Its main functions include the management of equipment and infrastructure, coordination of shared resource usage, technical and logistical support for research activities, as well as the implementation of biosafety regulations and laboratory safety procedures.

The Unit promotes the optimization of available resources and actively participates in strategic planning for the development, modernization and technological adaptation of scientific facilities and equipment. All of this is done with the purpose of ensuring the continuous availability of research infrastructures, compliance with high quality standards and Good Laboratory Practices (GLP), and the sustainable use of scientific resources.

» HISTOLOGY SERVICE

The Unit also offers a specialized histology service, for which it has a fully equipped laboratory with specialized instrumentation for performing various histological techniques, such as tissue processing (dehydration, clearing, and paraffin infiltration), paraffin embedding and block preparation, microtomy, cryotomy, histological staining, and slide mounting for microscopy.

EQUIPMENT AND FACILITIES

» HISTOLOGY LAB

- Leica TP1020 Automatic Tissue Processor
- Leica ASP300S Automatic Tissue Processor
- Leica Arcadia H and C Paraffin Embedding Station
- Memmert UN110 Oven
- Leica RM2255 Motorized Microtome
- Leica CM1860UV Cryostat
- Leica ST5010 XL Automatic Stainer
- Bio-Optica Floating Bath
- Leica EGF Heated Forceps
- Burdinola BST 1500 Fume Extraction Hood
- Liebherr Refrigerator-Freezer for storage at 4 °C and -20 °C
- Exacta Safety Cabinet
- Other auxiliary equipment

» STERILIZATION ROOM

- Selecta Presoclave-II Autoclave
- Selecta Presoclave-II Autoclave
- Selecta Presoclave-II Autoclave
- Selecta Class B Autoclave Autester ST-DRY-PV-B-23
- Memmert UN110 Oven x 3
- Selecta Bag Sealer
- Selecta Omni GLH 02 Homogenizer x 2
- Selecta Ultrasons Ultrasonic Bath
- Omni Sonic RUPTOR 400 Sonicator
- Milli-Q Merck Millipore Q-POD Water Dispenser
- Liebherr Refrigerator-Freezer for storage at 4 °C and -20 °C
- Burdinola BST 1500 Fume Extraction Hood
- Other auxiliary equipment

» CENTRIFUGE ROOM

- Beckman Optima XPN100 Ultracentrifuge
- Beckman Optima L90K Ultracentrifuge
- Beckman Avanti J-26XP Centrifuge
- Kubota 2800 Refrigerated Centrifuge
- Eppendorf 5810-R Refrigerated Centrifuge
- Eppendorf 5702-R Refrigerated Centrifuge
- Eppendorf 5424 Centrifuge
- Thermo ND 1000 Nanodrop
- Stratagene MX3005P qRT-PCR
- VC50 Sonicator
- Liebherr Refrigerator-Freezer for storage at 4 °C and -20 °C
- Burdinola BST 1500 Fume Extraction Hood
- Labogene Vertical Laminar Flow Cabinet
- Düperthal Safety Cabinet
- Selecta S381 Oven
- Other auxiliary equipment

» MULTIPLE EQUIPMENT ROOM

- Merck Millipore Advantage A10 Water Purification System
- Milli-Q Merck Millipore Q-POD Water Dispenser
- Bio-Rad Chemidoc Universal Hood II Gel Documentation System
- Comecta S-100D Stirred Oven
- Liebherr **Refrigerator-Freezer** for storage at 4 °C and -20 °C x 2
- Exacta Safety Cabinet
- Telstar micro V Laminar Flow Hood
- Other auxiliary equipment

» TEMPORARY FREEZER STORAGE

- Deep freezer (-80 °C) Thermo Scientific UFX60086V
- Deep freezer (-80 °C) Eppendorf Cryocube F570-86
- Deep freezer (-80 °C) REVCO ULT1386-3-V35
- Deep freezer (-80 °C) Thermo Scientific UXF60086V
- Deep freezer (-80 °C) Infrico ULT70086
- Deep freezer (-80 °C) Effimed UFV-800

MAIN SERVICES

Management of Shared Equipment and Infrastructure

- Supervision and technical support to ensure the proper use of equipment and facilities located in IMIBIC’s shared use areas.
- Registration, access control, and monitoring of equipment usage in shared laboratories.
- Management and follow-up of incidents, as well as preventive and corrective maintenance of common use scientific equipment.
- Organization and coordination of autoclaving and drying processes for laboratory materials in the Washing Room.
- Coordination of contingency storage capacity in ultra-low temperature freezers to ensure sample preservation in the event of equipment failure.
- Cross-functional support for the strategic planning and optimization of scientific-technical resources and laboratory infrastructure.

Histology Service

- Tissue processing, paraffin embedding, and block preparation.
- Sectioning of samples into thin slices using microtomy (for paraffin embedded samples) and cryostat (for frozen samples).
- Performance of basic and special histological stains.
- Mounting of histological sections for microscopy.
- Automation of key processes to ensure reproducibility and efficiency.
- Technical advice on histological techniques and sample preparation.

Good Practices, Sustainability, and Regulations in the Scientific Environment

- Implementation and promotion of Good Laboratory Practices (GLP) at IMIBIC, fostering a culture of quality in scientific activities.
- Promotion of compliance with biosafety regulations and laboratory quality standards.
- Support for proper laboratory waste management, in collaboration with the External Occupational Risk Prevention Service and the Quality Unit.
- Implementation, monitoring, and advisory support on the Trébol Program as a certification system for good environmental practices at IMIBIC.
- Support for the application of sustainable measures in energy resource use and the integration of environmental sustainability criteria into laboratory materials, promoting more responsible and efficient research.

KEY FACTS

NUMBER OF IMIBIC USERS: **46** (10 research groups)
NUMBER OF EXTERNAL USERS: **1** (University of Córdoba)
SCIENTIFIC CONTRIBUTIONS: **1**
ONGOING PROJECTS SUPPORTED: **14**
COURSES AND TRAINING SESSIONS: **16**
INSTITUTIONAL COMMITTEES: **2** (Chair of the IMIBIC Health and Safety Committee; Member of the IMIBIC Infrastructure Committee)

SCIENTIFIC CONTRIBUTIONS

López-Vázquez C, Carrasco-Carmona A, **González-Prieto S**, Peralbo-Molina A, **Rivero-Cortés E**, Salinas-Gavilán A, García-Jurado G, Chicano-Gálvez E. “Advanced tissue profiling: integrating Fluorescence Microscopy, Laser Microdissection and Deep Spatial Multiomics” Oral Communication. VIII Meeting for young proteomics researchers. Oviedo 2025.

PROJECTS

1. DU.03.MR.22.03 - C17.I04 CNS2022-135922 3D scaffolds for hypoximimetic drugs. (GC04).
2. PI23/00489 Aberrant S-nitrosylation at the intersection of metabolism and autophagy in colorectal cancer: therapeutic opportunities. (GC06).
3. PI22/00969 - Identification of Predictive Drivers in Postpartum Breast Cancer through Integrative Multi-Omics Analysis of Minimally Invasive Samples. (GC06).
4. GETNE-JR-2022-01 (GC08).
5. CPP2021-008338 Study of a new therapeutic strategy for the treatment of PCOS – polycystic ovary syndrome. DU.03. MR.21.01 (GC10).
6. Oxolife (GC10).
7. Merlon ENVHLTH-02-03-2023-01- Merging scientific Evidence with Regulatory practices and Leveraging identification Of endocrine disruptors using New approach methodologies (GC10).
8. PID2021-126915OA-I00 Exceso de andrógenos e hígado graso asociado a disfunción metabólica en el síndrome de ovario poliquístico: Bases fisiopatológicas y nuevas opciones terapéuticas. (GC10)
9. Pathophysiological Interaction Between Obesity and the Prostate Gland: Influence of Adipose Tissue on Gene Expression Regulatory Mechanisms and Genomic Stability (CROSS-PRO-FAT) (GC27).
10. Multi-Omics and Integrative Approach: Deciphering the Role of Periprostatic Adipose Tissue in the Pathophysiological Interaction Between Obesity and the Prostate Gland (OMICIN-ADIPRO) (GC27).
11. PID2019-105564RB-I00 Multiomic and integrative approach: deciphering the role of the periprostatic adipose tissue in the pathophysiological interaction between obesity and the prostate gland. (GC27).
12. PI23/00652 Alteration of the tRNA biogenesis process in the progression of chronic liver disease and hepatocarcinogenesis: a new source of diagnostic, prognostic markers and therapeutic targets (Liver-T) (GC30).
13. PI20/00375 Novel mechanisms and therapeutic targets involved in the progression of hemoglobin associated renal damage (GE06).
14. PRYES223170ARJO. Proyecto de la Asociación Española Contra el Cáncer (GE09).

COURSES AND WORKSHOPS

- Course on Waste Management at IMIBIC, on the Moodle platform.
- IMIBIC Trébol Programme.
- Visit to the IMIBIC Technical Units and the Histology Laboratory by IES Pro-Tartesos.
- Visit to the Histology Laboratory by CEIP López Diéguez.
- Visit to the Histology Laboratory by Colegio Diocesano Sansueña.
- Visit to the Histology Laboratory by Medac.
- 9 training sessions on the use of histology equipment.
- Supervision of the work placement of a Higher Vocational Training student in Pathological Anatomy and Cytodiagnosis.

12.11 TECHNOLOGICAL INNOVATION UNIT



STAFF

Cristina Montilla Aguilera
Health Engineer technician
Miguel de Alba Aparicio
Software engineering technician
Ignacio Isla Cros
Software technician
Ana Lara Jiménez
Industrial Design engineering technician

BRIEF DESCRIPTION

Technological Innovation. One of our basic functions is to apply the use of the new Information and Communication Technologies to the different research groups, so that they can be applied to their projects according to need, without the research team having to spend additional time learning them. Likewise, advisory and consultancy services are available to provide the most appropriate technological solutions.
Our main objective is to design and develop scientific-technological and industrial projects for research and clinical staff, with prototypes of medical devices.

Our laboratory is well equipped for the design and construction of 3D design prototypes, with 3D printing, electronic systems and development of software solutions. This is a major boost for innovation development and technology transfer related to the rapid prototyping of systems in the field of medicine.

EQUIPMENT AND FACILITIES

- FDM 3D printers (2 units): Ultimaker S5 equipped with Air Manager S5 and Material Station.
- 3D printers SLA (2 units): Formlabs Form 3 and Form 3B+ with Form Wash, Form Finish Kit, Resin Tank and Build Platform.
- 3D design software - Solidworks 2023.
- CNC machine with protective cover: Stepcraft 840.
- Test stations for electronic devices and PCBs.
- Hanmatek SD1 and Proskit welding posts.
- Oscilloscope: Hantek Dso5202p, 2 channels 200Mhz, 1GSa / s.
- Laboratory power supply (2 units): Velleman LABPS23023. Power supply: RPS 24V 5th.
- Digital multimeter: Lomvum T28B.
- Apple Mac Mini for iOS app development.
- Desktop milling machine monoFab SRM-20.
- Laser cutting machine with camera LS900.
- Interactive table Tactable TSP-55.
- 3D Holographic display HoloFan 3DH Rd-100 PRO.
- CNC Machine BYAKKO LD 3000 6090.
- 3D Scanner Einscan Pro HD with Design Pack.
- Robot Kit Mecanum 4WD.
- Kit Dremel Model 4000.
- Function generators Promax.
- Binocular loupe Euromex.
- Welding post with flexible arms.
- Bambulab X1 Carbon combo with 2 AMS.
- NAS Synology DS1522+ de 40 TB.
- Dell Pro Max PC T2 (FCT2250) with NVIDIA RTX 4500 ADA.

MAIN SERVICES

- 3D modeling and printing with FDM and SLA technology.
- Design and manufacturing of devices, electronic equipment, and electromechanical systems in general.
- Segmentation of DICOM files for surgical planning.
- Electronic circuit prototyping and PCB schematic design.
- Low-level programming: microcontrollers, configurable hardware devices, etc.
- Web and mobile application development.
- Creation of Data Collection Notebooks (CRDs).
- Design and implementation of algorithms.
- Database construction.

KEY FACTS

NUMBER OF IMIBIC USERS: **63**
NUMBER OF EXTERNAL USERS: **299**
NUMBER OF ONGOING PROJECTS: **26**
COURSES AND TRAINING SESSIONS: **17**
PRIZES OR GRANTED RECEIVED: **1**
REGISTERED PATENTS: **7**
NUMBER OF MEETINGS WITH IMIBIC GROUPS: **30**
NUMBER OF MEETINGS WITH EXTERNAL GROUPS: **47**

PROJECTS

1. Website and app for testing children to check whether growth is in accordance with biological age (DAUCO).
2. Web application for monitoring and correcting eating habits. Active user tracking will be facilitated with a series of weekly activities and an integrated support chat. Participation will be reinforced with scored activities, games, videos, user rankings and potential prizes (E2-DUCASS).
3. Development of anti-decubitus system for foot and ankle of bed-ridden patients – ANTELAS Project. Fernando Mayordomo, Physical Medicine.
4. Design and 3D printing of casing of “Smartcloth”, a digital tablecloth for diabetic patients. Guillermo Molina, GA16 Lifestyles, Innovation and Health PI21/01602.
5. Design and 3D printing of a mould for testing. Miguel González, GE07 Visual Quality.
6. Personalized Tissue-Engineered Veins (P-TEV) as the first cure for patients with chronic venous insufficiency. VERIGRAFT IBERIA S.L
7. Incorporation of Proteomic and Radiomic Tools to Improve the Detection and Stratification of Clinically Significant Prostate Cancer. Enrique Gómez Gómez, UGC Urology.
8. Real-life effectiveness of BIC/FTC/TAF in naïve patients with CD4+ less than 200 cells/mL or AIDS events. Antonio Rivero, GC26 Clinical Virology and Zoonoses.
9. Optimization of Antibiotic Treatment Duration in Abdominal Sepsis Based on the Kinetics of Transcriptomic and Clinical Biomarkers (GENOTIME-COHORT Study). Julián Carlos de la Torre Cisneros, Angela Cano, GC03 Infectious Diseases.
10. Grants for Hackathon (ESAL 2025)/ Grants call of guidelines developed by non-profit entities which encourage the social economic development of the municipality in 2025.
11. Digital Platform designed to enhance internal communication, collaboration, and operational efficiency within the Maimonides Biomedical Research Institute of Cordoba (IMIBIC).
12. 3D Printing of Stereotaxic device for neonatal mice. Manuel Tena, GC10 Hormonal Regulation of Energy Balance, Puberty and Reproduction.
13. Design and 3D printing of Support for brain. Raúl Luque, OncObesity and Metabolism.
14. Design of Stainless steel tray for skull fixation. Cristobal Blanco, UGC Neurosurgery.
15. Support for 96-well plates. Manuel Tena, GC10 Hormonal Regulation of Energy Balance, Puberty and Reproduction.
16. Segmentation and 3D printing of Mandible for surgical planning. Alicia Dean, UGC Maxillofacial.
17. 3D Printed models of child and adults health. Inmaculada López, UGC Neurophysiology.
18. An observational, prospective, and multicenter study to evaluate the impact of CMV-specific immune reconstitution in patients undergoing allogeneic hematopoietic stem cell transplantation receiving letermovir prophylaxis. Julián Carlos de la Torre Cisneros, Juan José Castón, GC03 Infectious Diseases.
19. Spanish Pediatric Registry of Renal Failure I. AENP.
20. Incubation tray for PVDF membranes. Manuel Tena, GC10 Hormonal Regulation of Energy Balance, Puberty and Reproduction.
21. Complete mandible and fibula model for surgical planning. Alicia Dean, UGC Maxillofacial.
22. A custom iteration of the digital health platform, tailored to address the specific cardiovascular and nutritional needs of a new target study population. (E2-DUCASS Advance).
23. A collaborative medical dashboard designed to streamline transplant logistics. It centralizes candidate tracking for clinical teams, leveraging user-access management and real-time, GEMA-score-based prioritization to support critical decision-making in liver transplantation. (GEMA List).
24. A centralized medical web platform designed to streamline cath lab workflows. It synchronizes patient intake, real-time procedure tracking, and post-intervention documentation into a unified dashboard, enabling clinical teams to optimize resource allocation and enhance patient safety during catheterization operations. (Cath Lab DB).
25. An intelligent hospital logistics web platform designed to automate and accelerate patient-to-bed allocation. By mapping clinical pathologies and specific disease criteria directly to unit capabilities, it replaces manual dispatching with automated, batch-processed bed assignments to optimize hospital throughput and minimize emergency department bottlenecks. (BedAsync)
26. A province-scale public health web platform designed to automate and optimize patient vaccination tracking. By centralizing regional patient data, real-time hospital vaccine inventory, and clinical timelines (including surgical history), VaxFinder runs a daily predictive matching algorithm. It automatically evaluates patient eligibility and pushes actionable, daily recall notifications to assigned physicians to maximize immunization compliance and prevent missed clinical windows. (VaxFinder)

COURSES AND WORKSHOPS

- 1. Class taught at “Coffee with UCAIBS” aimed at research staff.
- 2. Course (In-person): 3D Printing in Traumatology.
- 3. Conference (Online): Research Ethics Committees of Andalusia.
- 4. CPI Health Space (In-person).
- 5. Visit to the Tecnalia Research Center (In-person).
- 6. Practical Concepts in Clinical Trials Course (In-person).
- 7. GILEAD Clinical Research Conference (In-person).
- 8. ADDITV Medical Online Event (Online).
- 9. Expodental Madrid Event (In-person).
- 10. Agile Methodologies Course (Online).
- 11. Conference on EHO-85 Hydrogel in Ulcer and Wound Healing (In-person).
- 12. Advanced XR Planning Course at La Paz Hospital (In-person).
- 13. Specialist Course in Medical 3D Planning (Bioreplicas and Surgical Guides) (Online).
- 14. Arruzafa Management Forum – AI: A New Context for the Patient (In-person).
- 15. InnoHEALTH: Data in Digital Health (In-person).
- 16. DATASPACE, the first sovereign data ecosystem in Spain. (in-person).
- 17. 3rd Innovation in Medicine Conference, Illustrious College of Physicians of Cordoba. (in-person).

12.12 3D BIOPRINTING UNIT



STAFF

- Gema García Jurado, PhD**
Head of Unit and Technical Specialist. Contract financed with FIBICO-IMIBIC’s own funds.
- Álvaro Carrasco Carmona, PhD**
Senior Bioprinting Technical Specialist. Contract financed with FIBICO-IMIBIC’s own funds.

BRIEF DESCRIPTION

The IMIBIC 3D Bioprinting Unit is a specialized research facility dedicated to the development, fabrication, and characterization of **three-dimensional biological models** for applications in tissue engineering, regenerative medicine, and biomaterials research. The Unit integrates advanced extrusion-based bioprinting technologies with dedicated cell culture facilities and biological characterization capabilities, providing comprehensive support from bioink and biomaterial validation to the generation and analysis of complex 3D constructs. Operating under an ISO 9001:2015-certified quality management system, the Unit offers a controlled and standardized environment that ensures reproducibility, traceability, and compliance with current biosafety and Good Laboratory Practice standards.

EQUIPMENT AND FACILITIES

The 3D Bioprinting Unit is equipped with dedicated facilities for the development and characterization of three-dimensional biological models. The infrastructure includes a 25 m²**cell culture laboratory** located on the third floor of the IMIBIC building, specifically designed for the handling, expansion, and characterization of mammalian cell lines. The laboratory is fully equipped with a Class II biosafety cabinet, CO₂ incubator, optical microscopy equipment, thermostatic water bath, centrifuge, refrigerator, and freezer, enabling routine cell culture procedures as well as cell viability, proliferation, and cytotoxicity assays. The Unit also hosts an **extrusion-based 3D bioprinting platform** (REG4LIFE, REGEMAT 3D, Spain) equipped with a

cooling module and multiple interchangeable printheads, allowing the processing of a broad range of bioinks, hydrogels, and biomaterials under diverse experimental conditions. The system supports bioprinting within a temperature range from –20 °C to 100 °C and the extrusion of thermoplastic materials at temperatures up to 250 °C, providing versatility for the fabrication of both soft biological constructs and polymer-based structures.

MAIN SERVICES

The 3D Bioprinting Unit provides specialized technical support for the design, fabrication, and characterization of three-dimensional biological models using extrusion-based bioprinting technologies and a wide range of biomaterials and bioinks.

The main services offered by the Unit include:

- **3D bioprinting services** for the fabrication of cell-laden and cellular constructs using hydrogels, bioinks, and thermoplastic biomaterials.
- **Biological validation of hydrogels and bioinks**, including assessment of cell viability, proliferation, functionality, and differentiation within three-dimensional environments.
- **Cell viability and cytotoxicity assays**, including LIVE/DEAD fluorescence-based analyses and metabolic activity assays in accordance with ISO 10993-5 guidelines for in vitro cytotoxicity testing.
- **Morphological characterization of 3D models** using bright-field, fluorescence, and confocal microscopy combined with advanced 3D image reconstruction and analysis tools.
- **Technical support and consultancy** for experimental design, optimization of bioprinting parameters, and development of customized 3D biological models.

KEY FACTS

NUMBER OF IMIBIC USERS: 5

NUMBER OF EXTERNAL USERS: 6

NUMBER OF ONGOING PROJECTS: 6

QUALITY CERTIFICATES: 1

NUMBER OF MEETINGS WITH IMIBIC GROUPS: 10

NUMBER OF MEETINGS WITH EXTERNAL GROUPS: 7

SUPPORTED PROJECTS

PI21/01935. Evaluación de la intervención nutricional personalizada junto con la aplicación de exosomas derivados de MSC en la capacidad regenerativa y cicatrización de úlceras cutáneas en diabéticos. IP: Antonio Casado Díaz. Entidad Financiadora: INSTITUTO DE SALUD CARLOS III.

PID2019-108403RB-I00. Caracterización del matrisoma del tejido adiposo y papel de la remodelación de la matriz extracelular en la resistencia a insulina asociada a obesidad. IP: Maria Del Mar Malagón Poyato. Funding Agency: AGENCIA ESTATAL DE INVESTIGACIÓN.

PI22/01213. Characterization and validation of new therapeutic, diagnostic and prognostic targets in Pseudomyxoma Peritonei. IP: *Álvaro Arjona Sanchez* Entidad Financiadora: INSTITUTO DE SALUD CARLOS III.

PI24/02046. Generación de una matriz artificial basada en hidrogeles con células madre mesenquimales de tejido adiposo como terapia avanzada para el tratamiento a largo plazo de conjuntivitis cicatriciales crónicas. IP: Yolanda Jimenez Gomez. Entidad Financiadora: INSTITUTO DE SALUD CARLOS III.

CPP2023-010820. Impresión de implantes óseos biomiméticos y regenerativos.

IP: Zoilo González (Universidad de Córdoba). Entidad financiadora: AGENCIA ESTATAL DE INVESTIGACIÓN.

COURSES AND WORKSHOPS

Organization of the TECHNICAL SEMINAR “*Biomaterials and Bioinks: Biomedical Applications*”, jointly organized with Colfeed4Print. May-2025. Location IMIBIC (Córdoba).



COMMUNICATION & RRI

13



- Number of events: **81**
- Number of news items in mass media: **>500**
- Number of website visits: **297.950**
- Number of visits to IMIBIC: **80**
- Number of people visiting IMIBIC: **2.878**
- Interaction data on social media: **>1,000,000**

IMIBIC - RRI ACTIONS IN 2025

» **SCIENTIFIC DISSEMINATION ACTIVITIES AIMED AT SECONDARY SCHOOL STUDENTS:** most of these scientific dissemination activities, adapted to the age/level of the participating students, the characteristics of the school and type of activity, were of the following types:

- **School Visits Programme 2025.** These visits are aimed, for the most part, at upper-level secondary school students (Bachillerato and ESO). During 2025, IMIBIC hosted 50 visits as part of this programme, with a total of 1.463 students and 97 teachers. Various educational centres from our city took part in these visits, among them: CES Ramón y Cajal, secondary school Villarrubia, secondary school El Sauce, secondary school Fuensanta, secondary school Trinidad Sansueña and secondary school Gran Capitán.
- **Presentation of IMIBIC as part of the School Visits Programme of the University Hospital Reina Sofía de Córdoba (HURS).** We have been involved in this activity for 14 consecutive years. The Institute participated in 6 organised visits, which were attended by 126 high school students and 8 teachers from various schools in Córdoba and the province.

» **SCIENTIFIC DISSEMINATION ACTIVITIES FOR OTHER SOCIAL GROUPS:** The activities in this section, adapted to the characteristics, age and interests of the participating social groups, included:

- **Programme of visits to IMIBIC for students of Higher-Level Training Cycles. (CFGS):** These visits are mainly aimed at students in the higher-level training cycles of the health family. In 2025, IMIBIC hosted 12 visits as part of this programme, with a total of 234 students and 17 teachers. Several educational centres in our city took part in these visits, such as, secondary school La Fuensanta, secondary school Juan de Aréjula, MEDAC and ILERNA.
- **Programme of visits to IMIBIC for students from the University of Cordoba:** These visits are aimed at students from the Advanced Polytechnic School of Córdoba and the Faculty of Education Sciences, and Faculty of Medicine and Nursing, University of Córdoba. During 2025, IMIBIC hosted visits as part of this programme, with a total of 94 students and 11 lecturers.
- **IV Congreso Científico Internacional “EuroCiencia Joven”,** Organised by secondary school Fidiana in collaboration with IMIBIC. It is one of the most significant educational and scientific events in Europe, which, at this year’s edition, brought together students and teachers from Spain, France, Austria, Sweden, Portugal and Italy. This event serves as a platform to foster future scientific careers, providing young people with practical tools and first-hand experience ahead of their imminent entry into university. The international dimension of the Congress also strengthens scientific communication skills at a global level.

Projects and events related to Responsible Research and Innovation (RRI) carried out or held during 2025 included, among others:

- **European Researchers Night:** a conference entitled ‘Access to science and its findings’, aimed at patients and the general public. During the session, key aspects were discussed in an accessible manner, including: the translation of laboratory findings into clinical practice; the journey a scientific discovery takes before reaching the hospital; how clinical trials work and the ways in which members of the public can access them; and the mechanisms available for finding out about research results. In addition, a guided tour was conducted of various areas of the laboratories and the innovation department, where some of the ongoing projects and the technological tools used were explained briefly and engagingly, thereby reinforcing scientific literacy and public understanding of the research process.
- **Proyecto “Evidencia científica sobre la salud sexual y afectiva: desmontando mitos”,** This session was organised by IMIBIC and run in collaboration with Córdoba City Council, through its Equality Department, under the terms of the partnership agreement signed between the two organisations to promote comprehensive sex education. Specifically, two training sessions were organised for pupils in Year 4 of ESO and Year 1 of Bachillerato in Córdoba, with the aim of providing accurate, evidence-based information on sexual health, from a perspective of gender, respect and equality.
- **“Conoce a tu Enfermera” Campaign:** IMIBIC collaborated in this campaign of the Official College of Nurses of Cordoba, with the aim of giving visibility to the figure and role of nurses in the health research carried out at IMIBIC.
- We continue to carry out various projects, such as E2-ducass, to promote a healthy lifestyle based on balanced and sustainable diets, and the Hera Project, which saw active participation from the public and facilitated access to relevant information on a disease whose incidence continues to rise.

- **“Retrata la Ciencia” Campaign:** In commemoration of the International Day of Women and Girls in Science, celebrated every February 11, the initiative “Retrata la Ciencia – Investigadoras Sin Filtro” was launched. This action consisted of a photographic exhibition of IMIBIC female researchers in the corporate social networks to highlight the work of women researchers in our institute.
- **“Salud Cardiovascular en la Farmacia” book.** A book produced in collaboration with the company Bidafarma and the Official College of Pharmacists of Córdoba. This initiative by these three institutions is intended as a practical guide for patients and the general public on the key aspects of cardiovascular health, raising awareness of the risks and consequences of cardiovascular conditions in order to prevent them and manage their progression.
- As part of the **CAR-T Conference** held on 25 June, a challenge was set for attendees to produce a video, no longer than two minutes, explaining in accessible terms what CAR-T therapy involves. The winning videos were subsequently shared on IMIBIC’s social media channels, thereby contributing to public education and scientific awareness.
- To mark **International Clinical Trials Day**, an informative video was produced to raise public awareness of this field.
- **Sessions focusing on the importance of a healthy diet for children.** These sessions were based on scientific evidence and aimed at children from the Javi Flores sports club, featuring healthy breakfasts prepared by the IMIBIC. The sessions were coordinated by Dr Pablo Pérez.
- **International Breast Cancer Day.** To mark this occasion, IMIBIC conducted an interview with researcher Silvia Guil, in which she discussed the most significant aspects of this disease, highlighting the importance of predictive factors, as well as the advances that are helping to improve its prevention and treatment.
- **World Obesity Day campaign:** To mark this day, a social media campaign was launched highlighting the key role of research in combating this disease and its consequences, providing information on various projects and scientific advances relating to this condition. In addition, an opinion piece published in The Lancet Diabetes & Endocrinology was shared, which explores the phenomenon of ‘vanity sizing’ and its potential implications for obesity.
- **Young Researchers’ Day.** The 16th edition took place in 2025. This event is a leading internal gathering for research staff (particularly pre-doctoral researchers), facilitating the presentation of research, scientific exchange and networking between groups; this year, it brought together more than 250 scientists and saw 97 research papers presented, with recognition given to young talent.
- **Hackathon Biotecnológico (3rd edition).** In this edition, challenges arising from day-to-day clinical practice were presented by four Clinical Management Units at HURS: Anaesthesia, Haematology, Respiratory Medicine and Urology. Students from the Higher Polytechnic School of Córdoba (EPSC) developed innovative devices designed to address the clinical challenges presented by these units.
- **Iniciativa “Mira más allá del espejo”.** In 2025, IMIBIC took part in this HURS initiative, which aimed to stage an exhibition entitled ‘In breast cancer and metastatic breast cancer, look beyond the mirror’, with a view to empowering patients. This campaign provided information and support to patients from a holistic perspective: diet, personal care, sexual health and emotional support.
- **Production of educational videos for sharing on corporate social media,** covering various laboratory techniques, including the Transwell technique and the MALDI imaging technique, with the aim of making these scientific procedures more accessible to the public and promoting a culture of science.
- **Clinical Research Academy.** In 2025, the second edition of this initiative was held in collaboration with Novartis. This training programme brought together young clinical researchers from Seville (IBIS), Málaga (IBIMA) and Córdoba (IMIBIC) with the aim of strengthening their skills as future leaders in biomedical research. During this edition, participants developed essential skills such as leadership, communication, innovation, artificial intelligence and teamwork, under the guidance of leading speakers from the academic and healthcare sectors.
- **Movember movement.** This is a campaign organised by the Reina Sofia University Hospital, the Spanish Association Against Cancer (AECC) and IMIBIC in which, once again this year, an appeal was made to the public about the importance of prevention and protection of men’s health.

GOALS FOR 2026

14





14. GOALS FOR 2026

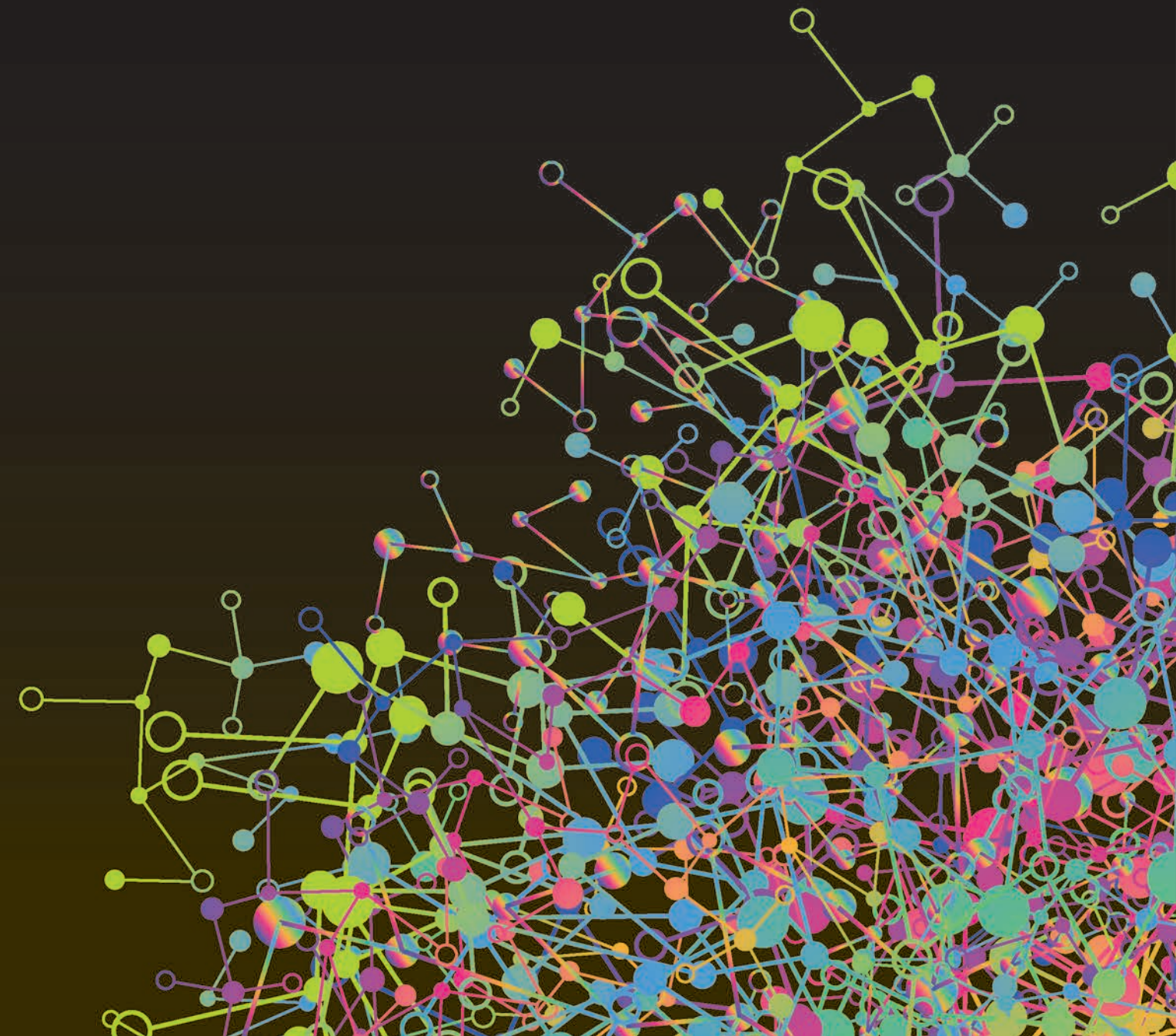
THE INSTITUTIONAL GOALS FOR THE YEAR 2026, APPROVED BY THE GOVERNING COUNCIL OF THE INSTITUTE, ARE AS FOLLOWS:

Approval of the 2026–2030 Strategic Plan by the Governing Bodies.

Successfully passed the re-accreditation process as a Health Research Institute by the Carlos III Health Institute.

ANNEXES

15



15.2 PUBLICATIONS 2025

PUBLICATIONS	IMIBIC GROUP
Ospina-Serrano AV, González-Larriba JL, Nadal E, Trancho FH, Bosch-Barrera J, Calvo V, Bolufer-Nadal S, de la Cruz JLCC, Macía-Vidueira I, Alvarez-Kindelán A, Del Barco-Morillo E, Bernabé-Caro R, Casal-Rubio J, Cilleruelo-Ramos A, Cobo-Dols M, Dómine-Gómez M, Figueroa-Almánzar S, Insa-Mollá A, Jarabo-Sarceda JR, Jiménez-Maestre U, López-Castro R, Majem M, Martínez-Marti A, Téllez EM, Sánchez-Lorente D, López-Valcárcel M, Couñago F, Garcia-Campelo R, de Castro J, Massuti-Sureda B, Provencio M. Multidisciplinary approach for patients with early and locally advanced non-small cell lung cancer (NSCLC): 2nd Spanish Lung Cancer Group (GECp) expert consensus statement. TRANSLATIONAL LUNG CANCER RESEARCH. 2025. 3299-3322. DOI:10.21037/tlcr-2025-619. IF: 3,5 Q1 D3	GA01
Minasyan A, de la Torre M, Rodriguez JR, Abularach AJ, Román AR, Valentin NN, Serna IM, García PG, Fontana A, Badia GS, García FJG, Velazquez AS, Berjon L, Lera RM, Suarez PR, Coll E, Miñambres E, Domínguez-Gil B, de la Cruz JLCC. Outcomes of controlled DCDD lung transplantation after thoraco-abdominal vs abdominal normothermic regional perfusion: The Spanish experience. JOURNAL OF HEART AND LUNG TRANSPLANTATION. 2025. 697-705. DOI:10.1016/j.healun.2024.09.018. IF: 6 Q1 D1	GA01
González AMF, Lorenzo NM, Huertos BC, Del Río MC, García FJG, Kindelan AA. Mucormycosis Infection in Lung Transplant Patients: Experience in Andalusia, Spain. TRANSPLANTATION PROCEEDINGS. 2025. 70-72. DOI:10.1016/j.transproceed.2024.11.030. IF: 0,8 Q3 D	GA01
Entrenas-Castillo M, Entrenas-Costa LM, Pata MP, Gamez BJ, Muñoz-Corroto C, Gómez-Rebollo C, Mira-Padilla E, Bouillon R, Quesada-Gomez JM. Latent Class Analysis Reveals, in patient profiles, COVID-19-related better prognosis by calcifediol treatment than glucocorticoids. JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY. 2025. -. DOI:10.1016/j.jsbmb.2024.106609. IF: 2,5 Q3 D	GA03
Alvarez P, Navas A, Martí-Antonio M, Bernardo R, Trujillo-Aguilera A, Costa A, Carrero-Chiquillo L, Vaquero JM, de la Fuente C, Molina J, Jurado A. Algorithms for appropriate patient stratification in the face of a new SARS-CoV-2 pandemic. IMMUNITY & AGEING. 2025. -. DOI:10.1186/s12979-025-00532-w. IF: 5,6 Q1 D2	GA03
Paez-Vega A, Vaquero-Barrios JM, Ruiz-Arabi E, Iturbe-Fernandez D, Alonso R, Ussetti-Gil P, Monforte V, Pastor A, Fernandez-Moreno R, Mora VM, Erro-Iribarren M, Quezada CA, Berastegui C, Cifrian-Martinez JM, Cano A, Caston JJ, Machuca I, Lobo-Acosta MA, Gutierrez-Gutierrez B, Cantisan S, Torre-Cisneros J. Safety and efficacy of immunoguided prophylaxis for cytomegalovirus disease in low-risk lung transplant recipients in Spain: a multicentre, open-label, randomised, phase 3 noninferiority trial. LANCET REGIONAL HEALTH-EUROPE. 2025. -. DOI:10.1016/j.lanepe.2025.101268. IF: 13 Q1 D1	GA03
Ruiz-Arabi E, Castón JJ, Páez-Vega A, Fernández-Moreno R, Giovagnorio F, Gutiérrez-Gutiérrez B, Cano A, Rodríguez-Benot A, Vaquero-Barrios JM, Machuca I, Vidal E, Cantisán S, Torre-Cisneros J. Quantifying Gamma-Interferon from CMV-Specific CD8+T Cells Defines Protection Against Clinically Significant CMV Infection in Solid Organ Transplant Recipients: The Quanti-CMV Score. MICROORGANISMS. 2025. -. DOI:10.3390/microorganisms13030589. IF: 4,2 Q2 D3	GA03
Torres-Borrego J, Suárez-Pérez J, Aliaga-Mazas Y, Burgos AMC, Nevot-Falcó S. Allergy to Alternaria alternata: Comprehensive review from the origin to the therapeutic approach. ALLERGOLOGIA ET IMMUNOPATHOLOGIA. 2025. 179-188. DOI:10.15586/aei.v53i5.1454. IF: 2,1 Q3 D	GA05
Ariza-Jimenez AB, Montoro DV, Aguilera PC, Ruiz EP, Frias FJP. Bronchoscopy in the Pediatric Cardiovascular Patient with Persistent Respiratory Pathology. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14186606. IF: 2,9 Q1 D2	GA05
Porcel-Chacón R, Tapia-Ceballos L, Ariza-Jimenez AB, Gómez-Perea A, Jiménez-Hinojosa JM, López-Siguero JP, Leiva-Gea I. Differences in Metabolic Control Between Different Insulin Use Patterns in Pediatric Patients with Type 1 Diabetes Through Intermittent Glucose Monitoring. DISEASES. 2025. -. DOI:10.3390/diseases13080254. IF: 3 Q2 D5	GA05

PUBLICATIONS	IMIBIC GROUP
Leiva-Gea I, Moreno-Jabato F, Ariza-Jimenez AB, Lendinez-Jurado A, Gómez-Perea A, Romero-Perez MD, Garcia-Garcia E, Mata MAS, Martinez-Moya G, Momblan J, Lechuga-Sancho AM, Gómez-Vida JM, Mier-Palacios M, Ranchal-Perez MD, Vivas-González G, Cabeza PC, Fernández-Hernández E, Jimenez-Martin AP, Guarino-Narváez J, de Vera-Gómez PR, Martinez-Brocca MA. Glycemic Analysis and Stratification of Pediatric Patients with Type 1 Diabetes Using isCGM in Southern Spain: Insights from the Andiacare Digital Platform. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14176243. IF: 2,9 Q1 D2	GA05
Gupta A, Messa ID, Valverde-Molina J, Murray CS, Moral L, Borrego JT, Pike K, Díaz-Izquierdo A, Martínez-Cañavate A, Nagakumar P, Cook J, Gupta L. Protocol for an open labelled observational study in children & adolescents with severe asthma with an eosinophilic phenotype treated with mepolizumab (CASAM). PLOS ONE. 2025. -. DOI:10.1371/journal.pone.0335399. IF: 2,6 Q2 D4	GA05
Marín LH, Machado AMS, Ramos MC, Torres-Borrego J. Drug-induced enterocolitis, a new condition under consideration. ALLERGOLOGIA ET IMMUNOPATHOLOGIA. 2025. 123-125. DOI:10.15586/aei.v53i1.1202. IF: 2,1 Q3 D	GA05
Plaza-Astasio V, Pastor-Villaescusa B, Rico-Prados MC, Mesa-García MD, Párraga-Quiles MJ, Ruiz-González MD, Jaraba-Caballero P, Tofé-Valera I, de la Torre-Aguilar MJ, Ordóñez-Díaz MD. Preventing Sepsis in Preterm Infants with Bovine Lactoferrin: A Randomized Trial Exploring Immune and Antioxidant Effects. NUTRIENTS. 2025. -. DOI:10.3390/nu17193154. IF: 5 Q1 D2	GA05
Dorn F, Voss YL, Zidan M, Neuhaus S, Lehnen N, Stracke P, Schwindt W, Ergawy M, Dyzmann C, Moehlenbruch M, Jesser J, Vollherbst D, Moreu M, Perez-Garcia C, Bester M, Flottmann F, Simgen A, Schob S, Berlis A, Maurer C, Buhk JH, Hentschel H, Loehr C, Eckert B, Saura J, Delgado F, Paech D, Nordmeyer H. A New Fibrin-Heparine Coated Self-Expanding Stent for the Rescue Treatment of Intracranial Stenosis-a Multicentric Study. CLINICAL NEURORADIOLOGY. 2025. 43-50. DOI:10.1007/s00062-024-01448-6. IF: 2,6 Q2 D4	GA08
Alvarez-Benito M, Elías-Cabot E, Romero-Martín S. Artificial intelligence in imaging diagnosis of breast pathology. REVISTA DE SENOLOGIA Y PATOLOGIA MAMARIA. 2025. -. DOI:10.1016/j.senol.2025.100684. IF: 0,2 Q4 D	GA08
Ciampi-Dopazo JJ, Villaverde GR, Espejo JJ, Marcos RG, Enguix DP, Pisoni S, Martínez-Rodrigo JJ, Vergara PN, Moreno PP, Rodríguez-Fernández A. Health Outcomes and Resource Consumption Analysis of Radioembolization with Y90 Glass Microspheres (TARE-Y90) Versus Transarterial Chemoembolization with Irinotecan (DEBIRI) in Patients with Liver Metastases from Colorectal Cancer in Spain. DIAGNOSTICS. 2025. -. DOI:10.3390/diagnostics15070796. IF: 3,3 Q1 D2	GA08
Lopez-Rueda A, Puig J, Daunis-i-Estadella P, Werner M, Gonzalez E, Labayen I, Vega P, Murias E, Jimenez-Gomez E, Rey IB, Moreu M, Pérez-García C, Chaparro OC, Aixut S, Terceño M, Dolz G, Pumar JM, Tejedor YA, Mendez JC, Aparici-Robles F, Morales-Caba L, Rayón JC, San Roman L, Blasco J, ROSSETTI Grp. Long and Large Stentriever Improve Reperfusion Outcomes in Acute Intracranial Terminal Internal Carotid Artery Occlusion: Interim Results of the Rossetti Registry. CLINICAL NEURORADIOLOGY. 2025. 295-301. DOI:10.1007/s00062-024-01486-0. IF: 2,6 Q2 D4	GA08
Puig J, Dolz G, Werner M, Daunis-i-Estadella P, Comas-Cufí M, Tomasello A, González E, del Caño XM, Vega P, Murias E, Bravo I, Jiménez E, Aparici-Robles F, Sanchís JM, Remollo S, Castaño C, Moreu M, López-Frías A, Terceño M, Silva Y, Chirife O, López-Rueda A, Martínez-Fernández J, Méndez JC, Sagredo A, Díaz-Pérez J, Cuba V, Llibre JC, Aguilar Y, SanRoman L, Blasco J. New Stent Retriever Technology Versus Standard Devices for Anterior Large Vessel Thrombectomy: A Multicenter Study. JOURNAL OF NEUROIMAGING. 2025. -. DOI:10.1111/jon.70111. IF: 2,3 Q2 D5	GA08
Martín MV, Lendoiro SL, Flores NS, Gomez EJ, Villayandre JMA, Datino T, Alvarez PN, Díaz EMG, Alabart NB, Valiente TB, Aizpurua DA, Moreiras JM, Alvarez BC. Occupational exposure to ionizing radiation in pregnant staff. Consensus document of ACI-SEC/ARC-SEC/SERVEI/SENRI/SERAM/GeNI. REC-INTERVENTIONAL CARDIOLOGY. 2025. 246-254. DOI:10.24875/RECIC.M25000526. IF: 1,3 Q3 D	GA08

PUBLICATIONS	IMIBIC GROUP
Cozzi A, Di Leo G, Houssami N, Gilbert FJ, Helbich TH, Benito MA, Balleyguier C, Bazzocchi M, Bult P, Calabrese M, Herrero JC, Cartia F, Cassano E, Clauser P, Docema MFD, Depretto C, Dominelli V, Forrai G, Girometti R, Harms SE, Hilborne S, lenzi R, Lobbes MBI, Losio C, Mann RM, Montemezzi S, Obdeijn IM, Ozcan UA, Pediconi F, Pinker K, Preibsch H, Povedano JLR, Saccarelli CR, Sacchetto D, Scaperrotta GP, Schlooz M, Szabó BK, Taylor DB, Ulus SÖ, Van Goethem M, Veltman J, Weigel S, Wenkel E, Zuiani C, Sardanelli F. Preoperative breast MRI for invasive ductal carcinoma with or without a DCIS component at needle biopsy: influence on surgical outcomes in the MIPA study. EUROPEAN RADIOLOGY. 2025. 6433-6443. DOI:10.1007/s00330-025-11572-7. IF: 4,7 Q1 D2	GA08
Cozzi A, Di Leo G, Houssami N, Gilbert FJ, Helbich TH, Benito MA, Balleyguier C, Bazzocchi M, Bult P, Calabrese M, Herrero JC, Cartia F, Cassano E, Clauser P, Docema MFD, Depretto C, Dominelli V, Forrai G, Girometti R, Harms SE, Hilborne S, lenzi R, Lobbes MBI, Losio C, Mann RM, Montemezzi S, Obdeijn IM, Ozcan UA, Pediconi F, Pinker K, Preibsch H, Povedano JLR, Saccarelli CR, Sacchetto D, Scaperrotta GP, Schlooz M, Szabó BK, Taylor DB, Ulus SÖ, Van Goethem M, Veltman J, Weigel S, Wenkel E, Zuiani C, Sardanelli F. Preoperative breast MRI reduces reoperations for unilateral invasive lobular carcinoma: a patient-matched analysis from the MIPA study. EUROPEAN RADIOLOGY. 2025. 3990-4000. DOI:10.1007/s00330-024-11338-7. IF: 4,7 Q1 D2	GA08
Acosta SB, Galera MSL, Jurado PBG, Montilla MEP, Ramos-Bossini AJL, Herrero JJE. Transjugular Intrahepatic Portosystemic Shunt for Portal Vein Thrombosis in Cirrhotic Patients: 18-Year Experience in a Tertiary Referral Hospital. DIAGNOSTICS. 2025. -. DOI:10.3390/diagnostics15222878. IF: 3,3 Q1 D2	GA08
Jurado PBG, Herrero JJE, Galera MSL, Montilla MEP, Acosta SB, García-Revillo J, Ugalde PF, Benito MA. CLINTERVENTIONAL protocol: a randomized controlled trial to evaluate clinical consultations and audiovisual tools for interventional radiology. EUROPEAN RADIOLOGY EXPERIMENTAL. 2025. -. DOI:10.1186/s41747-024-00545-y. IF: 3,6 Q1 D2	GA08
Jurado PBG, Herrero JJE, Galera MSL, Montilla MEP, Acosta SB, García JGR, Ugalde PF, Benito MA. Impact of the clinical role of interventional radiologists: results of the CLINTERVENTIONAL randomized controlled trial. EUROPEAN RADIOLOGY. 2025. 7658-7668. DOI:10.1007/s00330-025-11757-0. IF: 4,7 Q1 D2	GA08
Perez Montilla ME, García Jurado PB, Gómez Gómez E, Barranco Acosta S, Lombardo Galera MS, Campos Hernández PJ, Espejo Herrero JJ. Percutaneous ablation of renal tumors in patients with a solitary kidney: medium-to long-term outcomes. MINERVA UROLOGY AND NEPHROLOGY. 2025. 347-355. DOI:10.23736/S2724-6051.25.06010-0. IF: 4,2 Q1 D2	GA08
Puig J, Remollo S, Rodríguez-Caamano I, Castaño C, Comas-Cufi M, Werner M, Dolz G, Blasco J, SanRoman L, Sanchis JM, Aparici-Robles F, González E, Fondevila J, Vega P, Murias E, Jiménez E, Oteros R, López-Frias A, Moreu M, Bashir S, Silva Y, Ripoll E, Martínez-Fernández J, Aguilar Y, Méndez J, Sánchez F, de Paco G, Flores A, Llibre JC, Brinjikji W. Aspiration Catheter Design Impacts Combined Approach Mechanical Thrombectomy in Anterior Circulation Large Vessel Stroke. JOURNAL OF NEUROIMAGING. 2025. -. DOI:10.1111/jon.70046. IF: 2,3 Q2 D5	GA08
García-García JI, Puig J, Chirife O, Paipa A, Aixut S, Blasco J, Werner M, Comas-Cufi M, Vega P, Murias E, Aparici-Robles F, Morales-Caba L, González E, Labayen I, Romero V, Bravo I, Moreu M, López-Frías A, Remollo S, Rodríguez-Caamaño I, Terceño M, alvarez-Cienfuegos J, Martínez-Fernández J, Aguilar Y, Méndez JC, Sánchez F, Zamarro J, Cuba V, Castaño M, López-Rueda A. Modified Treatment in Brain Ischemia 2b Stopped or Continued After First-Pass Mechanical Thrombectomy for M1 Occlusions. JOURNAL OF NEUROIMAGING. 2025. -. DOI:10.1111/jon.70047. IF: 2,3 Q2 D5	GA08
Espejo-Cruz ML, González-Rubio S, Espejo JJ, Zamora-Olaya JM, Prieto-Torre M, Linares CI, Ruiz-Ramas A, Jiménez-Arranz A, Guerrero-Misas M, Barrera-Baena P, Poyato-González A, Montero JL, Sánchez-Frías M, Ayllón MD, Rodríguez-Perálvarez ML, de la Mata M, Ferrín G. Early release of circulating tumor cells after transarterial chemoembolization hinders therapeutic response in patients with hepatocellular carcinoma. JOURNAL OF TRANSLATIONAL MEDICINE. 2025. -. DOI:10.1186/s12967-025-06092-3. IF: 7,5 Q1 D2	GA08
Navarro L, Perez-Bartivas L, Ponferrada D, Cejas J, Camús JA, Rangel N, Porras M, Estevez CM, Eito AP, Rioja P, Alvarez M, Aranda E, de la Haba-Rodríguez. Prioritizing breast cancer surgeries: insights from the KRONOS SCORE. FRONTIERS IN ONCOLOGY. 2025. -. DOI:10.3389/fonc.2024.1465154. IF: 3,3 Q2 D4	GA08

PUBLICATIONS	IMIBIC GROUP
Cuesta-López L, Arias-de la Rosa I, Martín-Salazar JE, Barranco AM, Ladehesa-Pineda L, Ruiz-Ponce M, Larrubia MAP, Pérez-Sánchez C, Seguí P, Ortega R, Calvo J, Abalos-Aguilera MC, Ruiz-Vilchez D, Moreno-Caño E, Ortiz-Buitrago P, Lopez-Pedrer a C, Escudero-Contreras A, Collantes E, López-Medina C, Barbarroja N. Molecular insights into the relationship between sustained CRP elevation and endothelial dysfunction in axial spondyloarthritis. RMD OPEN. 2025. -. DOI:10.1136/rmdopen-2025-005746. IF: 4,7 Q1 D2	GA08
Obrero T, de Mier MVPR, Gordillo-Arnaud JE, Moral MJJ, Vidal V, Guerrero F, Carmona A, Rodríguez-Ortiz ME, Torralbo AI, Ojeda R, Moyano C, Sanchez-Ramade M, Mesa J, López-Ruiz DJ, Valdés-Díaz K, García-Sáez RM, Jurado-Montoya D, Rodelo-Haad C, Alvarez-Benito M, Glorieux G, Rodríguez M, Soriano-Cabrera S, Muñoz-Castañeda JR. Probiotic Supplementation in Chronic Kidney Disease: Outcomes on Uremic Toxins, Inflammation, and Vascular Calcification from Experimental and Clinical Models. TOXINS. 2025. -. DOI:10.3390/toxins18010006. IF: 4 Q1 D3	GA08
Heredia-Campos G, Gonzalez-Manzanares R, Rodríguez-Almodovar A, Moreno JA, Pozuelo I, Perea J, Gallo I, Maestre LC, Hidalgo F, De Lezo JS, Romero M, Mesa D, Espejo S, Pan MN, Ojeda S. Association between subclinical haemolysis and periprocedural outcomes in patients undergoing transcatheter aortic valve replacement. MEDICINA CLINICA. 2025. -. DOI:10.1016/j.medcli.2025.107143. IF: 2,1 Q2 D3	GA08
Maestre-Luque LC, Gonzalez-Manzanares R, Hidalgo F, de Lezo JS, Romero M, Gutiérrez-Barrios A, Gallo I, Herrera C, Espejo-Perez S, Fernández-López O, Alcázar-Caballero RM, Ojeda S, Pan M. Intracoronary infusion of autologous bone marrow mononuclear cells in patients with chronic total occlusions and left ventricular dysfunction: the BMMC/CTO trial. STEM CELL RESEARCH & THERAPY. 2025. -. DOI:10.1186/s13287-025-04854-w. IF: 7,3 Q1 D1	GA08
Prieto-Berchez G, González-Campillo MT, Vicente-Rueda J, López-Laso E. Mineralizing angiopathy: A cause of arterial ischemic stroke in early childhood after mild head trauma. NEUROLOGIA. 2025. 468-472. DOI:10.1016/j.nrl.2024.05.001. IF: 3,1 Q2 D4	GA08
Cabezas-Rodríguez JA, Biarnes C, Marti-Navas M, Pineda V, Comas-Cufi M, Pardo-Galiana B, Zapata-Arriaza E, Pinero P, Aguera-Morales E, Valverde R, Ortega-Quintanilla J, Ainz-Gomez L, Baena-Palomino P, Gutierrez I, Medina-Rodríguez M, Ocete-Perez R, Gamero MA, de Alboniga-Chindurza A, Hermosin A, Aguilar-Perez M, Villagran D, Escamilla-Gomez V, Calderon-Cabrera C, Nogueras S, Jimenez R, Martin V, Herrera C, Delgado F, Gonzalez A, Montaner J, Puig J, Moniche F. Diffusion Tensor Imaging Study After Intraarterial Cell Therapy in Acute Ischemic Stroke: A Substudy of the IBIS Randomized Clinical Trial. STROKE. 2025. 2198-2209. DOI:10.1161/STROKEAHA.124.050261. IF: 8,9 Q1 D1	GA08
Ng ABCD, Asif A, Agarwal R, Panebianco V, Girometti R, Ghai S, Gómez-Gómez E, Budäus L, Barrett T, Radtke JP, Kesch C, De Cobelli F, Pham T, Taneja SS, Hu JC, Tewari A, Cabello MAR, Dias AB, Mynderse LA, Borghi M, Boesen L, Singh P, Renard-Penna R, Leow JJ, Falkenbach F, Pecoraro M, Giannarini G, Perlis N, López-Ruiz D, Kastner C, Schimmöller L, Rossiter M, Nathan A, Khetrpal P, Chan VWS, Haider A, Clarke CS, Punwani S, Brew-Graves C, Dickinson L, Mitra A, Brembilla G, Margolis DJA, Takwoingi Y, Emberton M, Allen C, Giganti F, Moore CM, Kasivisvanathan V. Biparametric vs Multiparametric MRI for Prostate Cancer Diagnosis The PRIME Diagnostic Clinical Trial. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION. 2025. 1170-1179. DOI:10.1001/jama.2025.13722. IF: 55 Q1 D1	GA08
Frantzi M, Morillo AC, Lendinez G, Blanca A, Ruiz DL, Parada J, Heidegger I, Culig Z, Mavrogeorgis E, Beltran AL, Mora-Ortiz M, Carrasco-Valiente J, Mischak H, Medina RA, Hernandez PC, Gómez EG. Validation of a Urine-Based Proteomics Test to Predict Clinically Significant Prostate Cancer: Complementing mpMRI Pathway. PATHOBIOLOGY. 2025. 99-108. DOI:10.1159/000542465. IF: 2 Q2 D5	GA08
Rodríguez-Gómez J, Gracia-Ahufinger I I, Carmona-Flores R, Guzmán-Puche J, León R, Pérez-Nadales E, de la Rosa MM, Natera AM, Castón JJ, Cano A, Pineda-Capitán JJ, López C, de la Fuente-martos C, Torre-Cisneros J, Martínez-Martínez L. Efficacy of high doses of intravenous fosfomycin for treatment of urinary tract infection caused by KPC carbapenemase-producing Klebsiella pneumoniae : An observational study. JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE. 2025. 138-143. DOI:10.1016/j.jgar.2024.12.013. IF: 3,2 Q2 D4	GA08
Palacios-Eito A, Moreno-Manzanaro MD, Espinosa-Calvo M, Ginés-Santiago F, Camús-Martínez JA, Calvo-Tudela A, Rioja-Torres P, Romero-Martín S, Miñano-Herrero JA, Sarria GR, García-Cabezas S. IORT for early-stage, low-risk breast cancer: Outcomes from a prospective, observational study. CLINICAL AND TRANSLATIONAL RADIATION ONCOLOGY. 2025. -. DOI:10.1016/j.ctro.2025.100998. IF: 2,7 Q2 D4	GA08

PUBLICATIONS	IMIBIC GROUP
Enríquez-Vázquez D, Barge-Caballero E, González-Vílchez F, Almenar-Bonet L, Carmena MDGC, González-Costello J, Gómez-Bueno M, Castel-Lavilla MA, Díaz-Molina B, Martínez-Sellés M, Mirabet-Pérez S, de la Fuente-Galán L, Hervás-Sotomayor D, Rangel-Sousa D, Garrido-Bravo IP, Blasco-Peiró T, Juan-Aracil GR, Muñoz J, Crespo-Leiroa MG. Impact of left ventricular unloading on postheart transplantation outcomes in patients bridged with VA-ECMO. REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 494-503. DOI:10.1016/j.rec.2024.09.005. IF: 4,9 Q1 D2	GA09
Friedman P, Murgatroyd F, Boersma LVA, Manlucu J, Knight BP, Clémenty N, Leclercq C, Amin A, Merkely B, Birgersdotter-Green UM, Chan JYS, Biffi M, Knops RE, Engel G, Carvajal IM, Epstein LM, Sagi V, Johansen JB, Sterlinski M, Steinwender C, Hounshell T, Abben R, Thompson AE, Zhang Y, Wiggershorn C, Willey S, Crozier I, Extravasc ICD Pivotal Study Investigators. Performance and Safety of the Extravascular Implantable Cardioverter Defibrillator Through Long-Term Follow-Up: Final Results From the Pivotal Study. CIRCULATION. 2025. 322-332. DOI:10.1161/CIRCULATIONAHA.124.071795. IF: 38,6 Q1 D1	GA09
Santarpino G, Lorusso R, Concistrè G, Castillo JC, Argano V, Royse A, Nobre AL, Parrino P, Bisleri G, Baghai M, Fischlein T, Troise G, Mastrogiovanni G, Fontaine R, Pacini D, Minniti G, Pappalardo A, Hughes GC, Noirhomme P, Grimaud JP, Scherner M, Muñoz I, Asimakopoulos G, Walker A, Zakova D, Torella M, Vigano G, Connolly M, Dinges C, Corbi P, Salvador L, Rinaldi M, Maroto L, Heimansohn D, Ramlawi B, Glauber M, D'Agnano J, Cosco V, D'Anna V, Solinas M. Prognostic impact of small size sutureless prostheses: results for 241 patients from an international registry. JOURNAL OF CARDIOTHORACIC SURGERY. 2025. -. DOI:10.1186/s13019-025-03558-9. IF: 1,5 Q3 D	GA09
Domínguez-del-Castillo JJ, Alvarez-Heredia P, Reina-Alfonso I, Vallejo-Bermúdez MI, López-Romero R, Moreno-Moreno JA, Bilbao-Carrasco L, Moya-Gonzalez J, Muñoz-Calero M, Tarazona R, Solana R, Batista-Duharte A, Muñoz I, Pera A. Divergent Immune Pathways in Coronary Artery Disease and Aortic Stenosis: The Role of Chronic Inflammation and Senescence. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26115248. IF: 4,9 Q1 D3	GA09
Jiménez-Pastor JM, Morales-Cané I, Rodríguez-Cortés FJ, López-Coletto L, Valverde-León R, Arévalo-Buitrago P, Medina-Valverde MJ, de la Fuente-Martos C, Acuña-Castroviejo D, Cruz MME, Luque RM, Sarmiento-Cabral A, López-Soto PJ. Interaction between clock genes, melatonin and cardiovascular outcomes from ICU patients. INTENSIVE CARE MEDICINE EXPERIMENTAL. 2025. -. DOI:10.1186/s40635-025-00730-2. IF: 3,1 Q2 D3	GA09
Alvarez P, Navas A, Martí-Antonio M, Bernardo R, Trujillo-Aguilera A, Costa A, Carrero-Chiquillo L, Vaquero JM, de la Fuente C, Molina J, Jurado A. Algorithms for appropriate patient stratification in the face of a new SARS-CoV-2 pandemic. IMMUNITY & AGEING. 2025. -. DOI:10.1186/s12979-025-00532-w. IF: 5,6 Q1 D2	GA09
Torre-Cisneros J, Ferrer R, Martos CD, Sarda J, Calvo AJG, Verardi S, Karas A, Soriano A. Cefiderocol treatment for patients infected by Stenotrophomonas maltophilia, Burkholderia cepacia complex and Achromobacter spp.: subgroup analysis from the PERSEUS study. EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES. 2025. 1367-1374. DOI:10.1007/s10096-025-05109-5. IF: 3 Q2 D4	GA09
Torre-Cisneros J, Almirante B, Martos CD, Rascado P, Lletí MS, Sánchez-García M, Soriano A, Soriano-Cuesta MC, Calvo AJG, Karas A, Sarda J, Verardi S, Ferrer R. Effectiveness and safety of cefiderocol treatment in patients with Gram-negative bacterial infections in Spain in the early access programme: results of the PERSEUS study. EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES. 2025. 1375-1390. DOI:10.1007/s10096-025-05108-6. IF: 3 Q2 D4	GA09
Lopez C, Sanchez-Sanchez R, Corona D, Perez AB, Bravo F, de Alba M, Bracero A, Cazorla C, Vázquez A, Sánchez-Seco MP, Negredo A, Gómez-Pinedo U, Martinez-Martinez L, Torre-Cisneros J, de la Fuente C. A Fatal Case of Monkeypox-Associated Encephalitis in a Non-HIV-Infected Patient. CRITICAL CARE EXPLORATIONS. 2025. -. DOI:10.1097/CCE.0000000000001272. IF: 2,7 Q2 D5	GA09
Pinto A, Domínguez M, Gómez-Iturriaga A, Rodriguez-Vida A, Vallejo-Casas JA, Castro E. The role of radium-223 in the evolving treatment landscape of metastatic castration-resistant prostate cancer: A narrative review. CRITICAL REVIEWS IN ONCOLOGY HEMATOLOGY. 2025. -. DOI:10.1016/j.critrevonc.2025.104678. IF: 5,6 Q1 D2	GA10

PUBLICATIONS	IMIBIC GROUP
Garrido DT, Moreno MVG, Rodelo-Haad C, Puertas PIC, Cabrera SS, González MDA. Peritoneal scintigraphy and spect/tc in the diagnosis of leaks in patients on peritoneal dialysis. REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR. 2025. -. DOI:10.1016/j.remnn.2024.500067. IF: 1 Q4 D	GA10
Castillo LC, Belenchón IR, Sanz IP, Marengo RS, Claro AVO, Martínez NS, López RM, Soto AJ, Ossorio JLA, Galisteo EG, Valiente JC, Imbroda BH, Jiménez JM, Casas JAV, Rodríguez A, Ortiz AS, Hernández JPC, Gómez EG. Multicenter External Validation and Optimization of a Proposed Nomogram for Prostate-Specific Membrane Antigen PET/CT Accuracy in Biochemical Recurrence. PROSTATE. 2025. 1016-1023. DOI:10.1002/pros.24910. IF: 2,5 Q2 D4	GA10
Carbonero-Ruz M, Fernández-Navarro F, Durán-Rosal AM, Perez-Rodriguez J. A hybrid optimization and data-driven approach to understand the role of the risk-aversion profile parameter in portfolio optimization problems with shorting constraints. OPERATIONS RESEARCH PERSPECTIVES. 2025. -. DOI:10.1016/j.orp.2025.100353. IF: 3,7 Q2 D3	GA11
Salcedo-Sanz S, Guijo-Rubio D, Perez-Aracil J, Peláez-Rodriguez C, Gomez-Orellana AM, Gutierrez-Peña PA. Artificial Intelligence-Based Methods and Algorithms in Fog and Atmospheric Low-Visibility Forecasting. ATMOSPHERE. 2025. -. DOI:10.3390/atmos16091073. IF: 2,3 Q3 D	GA11
Barbero-Gómez J, Cruz RPM, Cardoso JS, Gutiérrez PA, Hervás-Martínez C. CNN explanation methods for ordinal regression tasks. NEUROCOMPUTING. 2025. -. DOI:10.1016/j.neucom.2024.128878. IF: 6,5 Q1 D2	GA11
Ayllón-Gavilán R, Guijo-Rubio D, Gutiérrez PA, Bagnall A, Hervás-Martínez C. Convolutional-and Deep Learning-Based Techniques for Time Series Ordinal Classification. IEEE TRANSACTIONS ON CYBERNETICS. 2025. 537-549. DOI:10.1109/TCYB.2024.3498100. IF: 10,5 Q1 D1	GA11
Bérchez-Moreno F, Ayllón-Gavilán R, Vargas VM, Guijo-Rubio D, Hervás-Martínez C, Fernández JC, Gutiérrez PA. dlordinal: A Python package for deep ordinal classification. NEUROCOMPUTING. 2025. -. DOI:10.1016/j.neucom.2024.129305. IF: 6,5 Q1 D2	GA11
Gómez-Orellana AM, Vega-Bayo M, Guijo-Rubio D, Pérez-Aracil J, Vargas VM, Gutiérrez PA, Prieto-Godino L, Salcedo-Sanz S, Hervás-Martínez C. Enhancing wind speed prediction in wind farms through ordinal classification. ENERGY AND AI. 2025. -. DOI:10.1016/j.egyai.2025.100596. IF: 9,6 Q1 D1	GA11
Durán-Rosal AM, Ashley T, Pérez-Rodríguez J, Fernández-Navarro F. Global and Diverse Ensemble model for regression. NEUROCOMPUTING. 2025. -. DOI:10.1016/j.neucom.2025.130520. IF: 6,5 Q1 D2	GA11
Pérez-Aracil J, Peláez-Rodriguez C, McAdam R, Squintu A, Marina CM, Lorente-Ramos E, Luther N, Torralba V, Scoccimarro E, Cavicchia L, Giuliani M, Zorita E, Hansen F, Barriopedro D, García-Herrera R, Gutiérrez PA, Luterbacher J, Xoplaki E, Castelletti A, Salcedo-Sanz S. Identifying key drivers of heatwaves: A novel spatio-temporal framework for extreme event detection. WEATHER AND CLIMATE EXTREMES. 2025. -. DOI:10.1016/j.wace.2025.100792. IF: 6,9 Q1 D1	GA11
Rosati R, Romeo L, Vargas VM, Gutiérrez PA, Frontoni E, Hervás-Martínez C. Learning Ordinal-Hierarchical Constraints for Deep Learning Classifiers. IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS. 2025. 4765-4778. DOI:10.1109/TNNLS.2024.3360641. IF: 8,9 Q1 D1	GA11
Ayllón-Gavilán R, Gómez-Orellana AM, Vargas VM, Guijo-Rubio D, Pérez-Aracil J, Salcedo-Sanz S, Gutiérrez PA, Hervá-Martínez C. Simultaneous multi-step wind speed prediction on multiple farms using multi-task deep learning. INTEGRATED COMPUTER-AIDED ENGINEERING. 2025. 366-378. DOI:10.1177/10692509251337224. IF: 5,3 Q1 D2	GA11
de los Ríos-Berjillos A, Rodero-Cosano ML, Ruiz-Lozano M, Mesa-Pérez E. The Institutionalization of an Ethical Culture Through the Implementation of Compliance Systems. CORPORATE SOCIAL RESPONSIBILITY AND ENVIRONMENTAL MANAGEMENT. 2025. 6416-6433. DOI:10.1002/csr.70017. IF: 9,1 Q1 D1	GA11
Gómez-Orellana AM, Rodríguez-Perálvarez ML, Guijo-Rubio D, Gutiérrez PA, Majumdar A, McCaughan GW, Taylor R, Tsochatzis EA, Hervás-Martínez C. Gender-Equity Model for Liver Allocation Using Artificial Intelligence (GEMA-AI) for Waiting List Liver Transplant Prioritization. CLINICAL GASTROENTEROLOGY AND HEPATOLOGY. 2025. 2187-2196. DOI:10.1016/j.cgh.2024.12.010. IF: 12,2 Q1 D1	GA11

PUBLICATIONS	IMIBIC GROUP
Calleja R, Rivera M, Guijo-Rubio D, Hessheimer AJ, de la Rosa G, Gastaca M, Otero A, Ramírez P, Boscà-Robledo A, Santoyo J, Gómez LMM, del Moral JV, Fundora Y, Lladó L, Loinaz C, Jiménez-Garrido MC, Rodríguez-Laíz G, López-Baena JA, Charco R, Varo E, Rotellar F, Alonso A, Rodríguez-Sanjuan JC, Blanco G, Nuño J, Pacheco D, Coll E, Domínguez-Gil B, Fondevila C, Ayllón MD, Durán M, Ciria R, Gutiérrez PA, Gómez-Orellana A, Hervás-Martínez C, Briceño J. Machine Learning Algorithms in Controlled Donation After Circulatory Death Under Normothermic Regional Perfusion: A Graft Survival Prediction Model. TRANSPLANTATION. 2025. e362-e370. DOI:10.1097/tp.0000000000005312; 10.1097/TP.0000000000005312. IF: 5 Q1 D1	GA11
Jaen-Moreno MJ, Aloí M, Alcantara-Montesinos A, Jiménez-Peinado A, Camacho-Rodríguez C, Carbone EA, Rania M, Dapelo MM, Sarramea F, Segura-García C, Moreno-Díaz MJ. Bridging Gaps in Obesity Assessment: Spanish Validation of the Eating Behaviors Assessment for Obesity (EBA-O). NUTRIENTS. 2025. -. DOI:10.3390/nu17142344. IF: 5 Q1 D2	GA12
Alcalá JA, Dorado VO, Herrera GDA, Chamón SL, Molinera VG. Optimizing the diagnosis and treatment of depression in primary care: the emerging role of vortioxetine treatment. FRONTIERS IN PSYCHIATRY. 2025. -. DOI:10.3389/fpsy.2025.1568777. IF: 3,2 Q2 D4	GA12
Jaen-Moreno MJ, Aloí M, Alcantara-Montesinos A, Jiménez-Peinado A, Camacho-Rodríguez C, Carbone EA, Rania M, Dapelo MM, Sarramea F, Segura-García C, Moreno-Díaz MJ. Bridging Gaps in Obesity Assessment: Spanish Validation of the Eating Behaviors Assessment for Obesity (EBA-O). NUTRIENTS. 2025. -. DOI:10.3390/nu17142344. IF: 5 Q1 D2	GA12
Laguna-Muñoz D, Jiménez-Peinado A, Jaén-Moreno MJ, Camacho-Rodríguez C, del Pozo GI, Vieta E, Caballero-Villarraso J, Khan MI, Rico-Villademoros F, Sarramea F. Respiratory disease in people with bipolar disorder: a systematic review and meta-analysis. MOLECULAR PSYCHIATRY. 2025. 777-785. DOI:10.1038/s41380-024-02793-1. IF: 10,1 Q1 D1	GA12
Laguna-Muñoz D, Pata MP, Jiménez-Peinado A, Jaén-Moreno MJ, Camacho-Rodriguez C, Pozo GID, Vieta E, Correll CU, Solmi M, Caballero-Villarraso J, Alarcón-Laguna MI, Sarramea F. Mortality from respiratory diseases in individuals with severe mental illness: a large-scale systematic review and meta-analysis of pooled and specific diagnoses. LANCET PSYCHIATRY. 2025. 768-779. DOI: 10.1016/S2215-0366(25)00262-7	GA12
García-Torres F, García-Carmona M, Gómez-Solís A, Jurado-González F, Jablonski M, Jaén-Moreno MJ, Aranda E. Anxiety, depression, quality of life and the mediating role of psychological flexibility: A study on Spanish cancer patients. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-06942-6. IF: 3,9 Q1 D2	GA12
Ruiz-Montero R, Serrano-Ortiz A, Rivera-Izquierdo M, Murillo-Rico PG, Moniz-Diez A, Onieva-García MA, Girela-López E, Salcedo-Leal I. Meningococcal Vaccination in High-Risk Patients: A Systematic Approach to Evaluating Coverage and Patient Catch-Up Through Healthcare Databases. VACCINES. 2025. -. DOI:10.3390/vaccines13030287. IF: 3,4 Q2 D4	GA13
Alicia LB, Angeles OGM, Desirée MG, Maximino R, Marilina GA. Utility of Protein Markers in COVID-19 Patients. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26020653. IF: 4,9 Q1 D3	GA13
Flores ABG, Ruiz-Montero R, Onieva-García MA, Batista-Duharte A, Cabrera EL, Allam MF, Salcedo I. Safety Profile of the 4CMenB (Bexsero®) Vaccine: A Systematic Review and Meta-Analysis of Adverse Events in Clinical Trials. VACCINES. 2025. -. DOI:10.3390/vaccines13101030. IF: 3,4 Q2 D4	GA13
Rivera EG, Romero CA, Montero RR, Moyano JJJ, Allam MF, Ortiz AS, Leal IS. INCIDENCE OF TUBERCULOSIS IN THE CITY OF CORDOBA AND ITS RELATIONSHIP WITH AREAS IN NEED OF SOCIAL TRANSFORMATION: A STUDY FROM 2015 TO 2021. CENTRAL EUROPEAN JOURNAL OF PUBLIC HEALTH. 2025. 88-94. DOI:10.21101/cejph.a8452. IF: 0,9 Q4 D	GA13
Espinar-García M, Vallejo-Bermúdez IM, Onieva-García MA, Reina-Alfonso I, Llapa-Chino L, Alvarez-Heredia P, Salcedo I, Solana R, Pera A, Batista-Duharte A. Epitope Variation in Hemagglutinin and Antibody Responses to Successive A/Victoria A(H1N1) Strains in Young and Older Adults Following Seasonal Influenza Vaccination: A Pilot Study. VACCINES. 2025. -. DOI:10.3390/vaccines13070774. IF: 3,4 Q2 D4	GA13

PUBLICATIONS	IMIBIC GROUP
Recio-Rufian M, López-Viñau T, Gálvez-Soto V, Cano A, Ruiz-Montero R, Gutiérrez-Gutiérrez B, Gracia-Ahufinger I, Peñalva G, Marín-Sanz JA, Marin-Sanz M, Segorbe D, Pineda-Capitán JJ, Muñoz-Rosa M, Riazzo C, Giovagnorio F, Ruiz-Arabi E, Torres-Peña JD, Castón JJ, Machuca I, Salcedo-Leal I, Martínez-Martínez L, Pérez-Nadales E, Torre-Cisneros J. Incidence, clinical and genomic trends of hospital- and Non-hospital-onset KPC-producing Klebsiella pneumoniae infections before and during the COVID-19 era: a ten-year interrupted time series study. ANTIMICROBIAL RESISTANCE AND INFECTION CONTROL. 2025. -. DOI:10.1186/s13756-025-01614-6. IF: 4,4 Q1 D2	GA13
Padilla-Blanco M, García-García T, Grigas J, Lopez-Ayllon BD, Garrido JJ, Oliva MA, Montoya M. Hidden players of COVID-19: the evolving roles of SARS-CoV-2 accessory proteins. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1726698. IF: 5,9 Q1 D2	GA14
Entrenas-García C, Suarez-Cárdenas JM, Fernández-Rodríguez R, Bautista R, Claros MG, Garrido JJ, Zaldivar-López S. miR-215 Modulates Ubiquitination to Impair Inflammasome Activation and Autophagy During Salmonella Typhimurium Infection in Porcine Intestinal Cells. ANIMALS. 2025. -. DOI:10.3390/ani15030431. IF: 2,7 Q1 D2	GA14
Prieto-Vega S, Berzal-Herranz A, Garrido JJ, Arias A, Grande-Pérez A, Fernández-Escamilla AM, Montoya M. West Nile virus unmasked: from gene variability to future challenges. FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY. 2025. -. DOI:10.3389/fcimb.2025.1690827. IF: 4,8 Q1 D2	GA14
Borges A, Ordóñez-Díaz JL, Aquino Y, Moreno-Rojas JM, Calvo MLM, Vaz JA, Calhelha RC. Analysis of the Phenolic Profile of Chelidonium majus L. and Its Combination with Sericin: Balancing Antimicrobial Activity and Cytocompatibility. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26209911. IF: 4,9 Q1 D3	GA15
Amaya I, Roldán-Guerra FJ, Ordóñez-Díaz JL, Torreblanca R, Wagner H, Waurich V, Olbricht K, Moreno-Rojas JM, Sánchez-Sevilla JF, Castillejo C. Differential expression of CCD4(4B) drives natural variation in fruit carotenoid content in strawberry (Fragaria spp.). PLANT BIOTECHNOLOGY JOURNAL. 2025. 679-691. DOI:10.1111/pbi.14523. IF: 10,5 Q1 D1	GA15
Sánchez-Parra M, Lopez A, Moretti VM, Ordóñez-Díaz JL, Moreno-Rojas JM. Effect of Industrial Processing on the Volatile Organic Compound Fingerprint of Dry-Cured Tuna. FOODS. 2025. -. DOI:10.3390/foods14040592. IF: 5,1 Q1 D3	GA15
Precupeanu C, Radeanu G, Teliban GC, Rosca M, Ordóñez-Díaz JL, Moreno-Rojas JM, Stoleru V. Effects of Mulch and Fertilization on the Quantity and Quality of Perennial Wall-Rocket (Diplotaxis tenuifolia). PLANTS-BASEL. 2025. -. DOI:10.3390/plants14101421. IF: 4,1 Q1 D2	GA15
García-Garrido ME, Sánchez-Parra M, Ordoñez-Díaz JL, Moreno-Rojas JM. Evaluation of Morphological, Chemical, and Antioxidant Characteristics, and Phenolic Profile of Three Goji Berry Varieties Cultivated in Southwestern Spain. APPLIED SCIENCES-BASEL. 2025. -. DOI:10.3390/app152211999. IF: 2,5 Q2 D3	GA15
Caceres-Jimenez S, Molinero N, Cueva C, Dobani S, Pourshahidi KL, Gill CIR, Tuohy KM, Moreno-Rojas JM, Crozier A, Bartolome B, Moreno-Arribas MV, Pereira-Caro G. Fecal fermentation of human ileal fluid after mango intake impacts on colonic microbiota and microbial (poly)phenol catabolism. FOOD RESEARCH INTERNATIONAL. 2025. -. DOI:10.1016/j.foodres.2025.117217. IF: 8 Q1 D1	GA15
Saadi C, Sakouhi F, El Chami MA, Cáceres-Jiménez S, Moreno-Ortega A, Boukhchina S, Moreno-Rojas JM, Rodríguez-Solana R. Green versus conventional extraction of Tunisian carob pulp: polyphenols, antioxidant capacity, and chemometric insights. SOUTH AFRICAN JOURNAL OF BOTANY. 2025. 530-548. DOI:10.1016/j.sajb.2025.10.055. IF: 2,7 Q2 D4	GA15
Matías C, Pereira-Caro G, Sáiz-Abajo MJ, Cid C, Ludwig IA, De Peña MP. High-Pressure and Thermal Pasteurization Applied to Smoothies Enhances (Poly)Phenol Bioaccessibility along the Gastrointestinal Tract. JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY. 2025. 15561-15578. DOI:10.1021/acs.jafc.4c09166. IF: 6,2 Q1 D1	GA15
Radeanu G, Precupeanu C, Teliban GC, Rosca M, Ordóñez-Díaz JL, Moreno-Rojas JM, Stoleru V. Interactive Effects of Genotype, Irrigation, and Fertilization on Physiological, Biometric, and Biochemical Traits of Runner Bean (Phaseolus coccineus L.). HORTICULTURAE. 2025. -. DOI:10.3390/horticulturae11091135. IF: 3 Q1 D2	GA15

PUBLICATIONS	IMIBIC GROUP
Cáceres-Jiménez S, Pereira-Caro G, Dobani S, Pourshahidi K, Gill CIR, Moreno-Rojas JM, Almutairi TM, Clifford MN, Crozier A. Interpretation of plasma pharmacokinetics and urinary excretion of phenolic metabolites and catabolites derived from (poly)phenols following ingestion of mango by ileostomists and subjects with a full gastrointestinal tract: complications associated with endogenous and ingested phenylalanine and tyrosine. FOOD & FUNCTION. 2025. 7761-7778. DOI:10.1039/d5fo02745d. IF: 5,4 Q1 D2	GA15
Guapi-Alava G, Moreno-Ortega A, Troya VG, Moreno-Rojas R. Nutritional assessment of adult from the Zumbahua indigenous community in Ecuador. ARCHIVOS LATINOAMERICANOS DE NUTRICION. 2025. 266-278. DOI:10.37527/2025.75.4.004. IF: 0,3 Q4 D	GA15
Capitán-Gutiérrez JM, Moreno-Ortega A, Valero E, Urrialde R, Moreno-Rojas R. Nutritional Assessment of the Healthy Eating Plate as Graphic Tool from Food Dietary Guidelines. FOODS. 2025. -. DOI:10.3390/foods14193377. IF: 5,1 Q1 D3	GA15
Troya VG, Ortega AM, Alava GG, Rojas RM. Nutritional importance of traditional dishes from Zumbahua, Cotopaxi, Ecuador. CIENCIA UNEMI. 2025. 26-38. DOI:10.29076/issn.2528-7737vol18iss48.2025pp26-38p. IF: 0,2 Q4 D	GA15
Tienda-Parrilla M, López-Hidalgo C, Sánchez-Parra M, Ordóñez-Díaz JL, Moreno-Rojas JM, Castillejo MA, Jorrin-Novo JV, Rey MD. Phytochemical and metabolomics analysis of Quercus ilex acorns reveals substantial intraspecific variation, high nutritional and nutraceutical potential and rich associated microbiome. FUTURE FOODS. 2025. -. DOI:10.1016/j.fufo.2025.100754. IF: 8,2 Q1 D1	GA15
El Chami MA, Palacios-Rodríguez G, Ordóñez-Díaz JL, Rodríguez-Solana R, Navarro-Cerrillo RM, Moreno-Rojas JM. Proximate Analysis, Total Phenolic Content, and Antioxidant Activity of Wild Carob Pulp from Three Mediterranean Countries. APPLIED SCIENCES-BASEL. 2025. -. DOI:10.3390/app15031340. IF: 2,5 Q2 D3	GA15
Sánchez-Parra M, Lopez A, Pérez-Aparicio J, Moreno-Rojas JM, Ordóñez-Díaz JL. Quality and safety assessment of vacuum-packed dry-cured tuna under refrigerated storage conditions. FOOD CHEMISTRY. 2025. -. DOI:10.1016/j.foodchem.2025.146654. IF: 9,8 Q1 D1	GA15
Elhawary SMA, Ordóñez-Díaz JL, Nicolaie F, Montenegro JC, Teliban GC, Cojocar A, Moreno-Rojas JM, Stoleru V. Quality Responses of Sweet Pepper Varieties Under Irrigation and Fertilization Regimes. HORTICULTURAE. 2025. -. DOI:10.3390/horticulturae11020128. IF: 3 Q1 D2	GA15
Palacios-Fonseca AJ, Moreno-Ortega A, Sosa-Argáez I, Moreno-Rojas R. Trend in the consumption of traditional dishes of colima, Mexico: Demographic characteristics and preferences. INTERNATIONAL JOURNAL OF GASTRONOMY AND FOOD SCIENCE. 2025. -. DOI:10.1016/j.ijgfs.2024.101091. IF: 3,6 Q2 D4	GA15
Carrasco-Marín F, Parra-Soto S, Guerrero-Wyss M, Araya-Bastias C, Boonpor J, Villagrán-Cerro C, Petermann-Rocha F, Shannon OM, Mathers JC, Livingstone KM, Dingle S, Gálvez-Tejeda S, Hernández-Peregrina A, Pranay N, Molina-Recio G, Pell J, Ho F, Celis-Morales C, Molina-Luque R. Adherence to four dietary indices and the risk of all-cause and cause-specific dementia: Findings from the UK Biobank study. DIABETES OBESITY & METABOLISM. 2025. 5612-5621. DOI:10.1111/dom.16609. IF: 5,7 Q1 D2	GA16
Naranjo-Rojas A, Perula-de Torres LA, Cruz-Mosquera FE, Molina-Recio G. Efficacy and Acceptability of a Mobile App for Monitoring the Clinical Status of Patients With Chronic Obstructive Pulmonary Disease Receiving Home Oxygen Therapy: Randomized Controlled Trial. JOURNAL OF MEDICAL INTERNET RESEARCH. 2025. -. DOI:10.2196/65888. IF: 6 Q1 D1	GA16
Satpute N, Gaikwad NB, Khare SK, Gómez-Luna J, Olivares J. Explainable Liver Segmentation and Volume Assessment Using Parallel Cropping. APPLIED SCIENCES-BASEL. 2025. -. DOI:10.3390/app15147807. IF: 2,5 Q2 D3	GA16
Caro-Costa R, Alcaide-Leyva JM, García-Luque L, Alcaraz-Clariana S, Guzmán-García JM, Jiménez-Mérida MD. Healing Through Humanized Care: Lessons from a Patient-Centered Perinatal Loss Protocol. HEALTHCARE. 2025. -. DOI:10.3390/healthcare13030242. IF: 2,7 Q2 D4	GA16
Chavarro BCD, Romero-Saldaña M, Reveiz JKA, Molina-Recio G. Impact of nutritional screening on mortality and intensive care unit length of stay. FRONTIERS IN NUTRITION. 2025. -. DOI:10.3389/fnut.2025.1474039. IF: 5,1 Q1 D2	GA16

PUBLICATIONS	IMIBIC GROUP
Feria-Ramirez C, Gonzalez-Sanz JD, Molina-Luque R, Molina-Recio G. Influence of the Practice of the Pilates Method on Pain Perception During Pregnancy: A Quasiexperimental Study. JOURNAL OF MIDWIFERY & WOMENS HEALTH. 2025. 404-413. DOI:10.1111/jmwh.13748. IF: 2,3 Q1 D3	GA16
Alcaide-Leyva JM, Romero-Saldaña M, García-Rodríguez M, Molina-Luque R, Jiménez-Mérida MD, Molina-Recio G. Metabolic Syndrome in the Amazon: Customizing Diagnostic Methods for Urban Communities. NUTRIENTS. 2025. -. DOI:10.3390/nu17030538. IF: 5 Q1 D2	GA16
Gomez-Merino A, Luna-Castaño P, Martin-Velasco M, Gonzalez-Martínez N, Piqueras-Rodríguez P, Marcos-Blázquez I, Alvarez-Blanco S, Gutiérrez-Horrillo L, Mas-Company E, Otero-Arbella E, Martín-Camacho E, Arias-Latorre MT, Rodriguez-Flórez S, Morán-Barrio MD, Moreno-Casbas MT. Monitoring of night-time nursing interventions in Spanish paediatric critical care units. ENFERMERIA INTENSIVA. 2025. -. DOI:10.1016/j.enfi.2025.500555. IF: 1 Q3 D	GA16
Fernández-del-Peral A, González-Caballero J, Pérez-Navarro A, Ruiz-Olmedo MA, Castillo-Córdoba JP, Gallego-Peragón MD, Romero-Saldaña M. Workers' satisfaction with health surveillance: Development and validation of a new scale. INTERNATIONAL JOURNAL OF NURSING STUDIES ADVANCES. 2025. -. DOI:10.1016/j.ijnsa.2025.100368. IF: 2,7 Q1 D2	GA16
Curcio F, Vaquero-Abellán M, Meneses-Monroy A, de-Pedro-Jimenez D, Aviles-Gonzalez CI, Romero-Saldaña M. Multicentre prospective study to establish a risk prediction model on pressure injury in the neonatal intensive and intermediate care units. AUSTRALIAN CRITICAL CARE. 2025. -. DOI:10.1016/j.aucc.2025.101204. IF: 2,7 Q1 D2	GA16
Arevalo-Buitrago P, Saldana MR, Recio MER, López FJD, Montoro FJC, Collado MJB, Villarejo RC, Martínez AG, Díaz EQ, Gomáriz AAM, García GEC, López-Soto PJ. Impact of a structured educational intervention on the prevention of ocular surface disorders in critically ill patients: A non-randomized clinical trial. INTENSIVE AND CRITICAL CARE NURSING. 2025. -. DOI:10.1016/j.iccn.2025.104107. IF: 4,7 Q1 D1	GA16
Muñoz-Alonso A, Romero-Saldaña M, Rodríguez-Cortés FJ, Rodríguez-Garriguet C, Carretero-Serrano M, Rivas-Cruces C, Tovar-Gálvez MI, López-Soto PJ. Adaptation and validation of the adolescent sleep hygiene scale for Spanish-speaking populations. SLEEP MEDICINE. 2025. -. DOI:10.1016/j.sleep.2025.106685. IF: 3,4 Q2 D3	GA16
Souviron-Dixon VE, Martínez-Angulo P, Jiménez-Mérida MD, Ventura-Puertos PE. The Emotional Universe of Nonbinary Parents: A Hermeneutic Study. HEALTHCARE. 2025. -. DOI:10.3390/healthcare13121467. IF: 2,7 Q2 D4	GA16
Domínguez-del-Castillo JJ, Alvarez-Heredia P, Reina-Alfonso I, Vallejo-Bermúdez MI, López-Romero R, Moreno-Moreno JA, Bilbao-Carrasco L, Moya-Gonzalez J, Muñoz-Calero M, Tarazona R, Solana R, Batista-Duharte A, Muñoz I, Pera A. Divergent Immune Pathways in Coronary Artery Disease and Aortic Stenosis: The Role of Chronic Inflammation and Senescence. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26115248. IF: 4,9 Q1 D3	GC01
Flores ABG, Ruiz-Montero R, Onieva-García MA, Batista-Duharte A, Cabrera EL, Allam MF, Salcedo I. Safety Profile of the 4CMenB (Bexsero®) Vaccine: A Systematic Review and Meta-Analysis of Adverse Events in Clinical Trials. VACCINES. 2025. -. DOI:10.3390/vaccines13101030. IF: 3,4 Q2 D4	GC01
Espinar-García M, Vallejo-Bermúdez IM, Onieva-García MA, Reina-Alfonso I, Llapa-Chino L, Alvarez-Heredia P, Salcedo I, Solana R, Pera A, Batista-Duharte A. Epitope Variation in Hemagglutinin and Antibody Responses to Successive A/Victoria A(H1N1) Strains in Young and Older Adults Following Seasonal Influenza Vaccination: A Pilot Study. VACCINES. 2025. -. DOI:10.3390/vaccines13070774. IF: 3,4 Q2 D4	GC01
Espinar-García M, Vallejo-Bermúdez IM, Onieva-García MA, Reina-Alfonso I, Llapa-Chino L, Alvarez-Heredia P, Salcedo I, Solana R, Pera A, Batista-Duharte A. Epitope Variation in Hemagglutinin and Antibody Responses to Successive A/Victoria A(H1N1) Strains in Young and Older Adults Following Seasonal Influenza Vaccination: A Pilot Study. VACCINES. 2025. -. DOI:10.3390/vaccines13070774. IF: 3,4 Q2 D4	GC01
Alvarez P, Molina J, Bernardo R, González R, Manzanares B, Aguado R, Carrero L, Jurado A, Ruiz-León B, Navas A. Association Between Peach and Olive Pollen Non-Specific Lipid Transfer Protein Allergy and HLA Class II Phenotype. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26167755. IF: 4,9 Q1 D3	GC01

PUBLICATIONS	IMIBIC GROUP
Jellmayer JA, De Deus AF, Gonçalves MRC, Ferreira LS, Manente FA, Caetano LSP, Piccineli FL, Genari TZD, Saçaki BD, Campos TPCD, Portuondo DL, Batista-Duharte A, Carlos IZ. Dendritic Cell-Based Therapeutic Immunization Induces Th1/Th17 Responses and Reduces Fungal Burden in Experimental Sporotrichosis. MICROORGANISMS. 2025. -. DOI:10.3390/microorganisms13102351. IF: 4,2 Q2 D3	GC01
Astarloa-Pando G, Sandá V, Amarilla-Irusta A, Lopez-Pardo A, San Juan I, Iturbe-Larrondo A, Pérez-Garay R, Pérez-Fernández S, Santos-Zorrozúa B, Manzanares-Martín B, Bernardo R, González C, Uranga A, Rey M, Alonso M, Amutio E, Mateos-Mazón JJ, García-Ruiz JC, Zenarruzabeitia O, Amo L, Borrego F. Dynamics of NK cell subsets following autologous hematopoietic stem cell transplantation in adult oncologic patients. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1629118. IF: 5,9 Q1 D2	GC01
Arzt-Gradwohl L, Herzog SA, Aberer W, Arias TA, Antolín-Amérigo D, Bonadonna P, Boni E, Bozek A, Chelminska M, Ebner B, Frelih N, Gawlik R, Gelincik A, Hawranek T, Hoetzenecker W, Blanco AJ, Kita K, Kendirinan R, Kosnik M, Laipold K, Lang R, Marchi F, Mauro M, Nittner-Marszalska M, Poziomkowska-Gesicka , Pravettoni , Preziosi D, Quercia O, Reider N, Rosiek-Biegus M, Ruiz-Leon B, Schrautzer C, Serrano P, Sin A, Sin BA, Stoevesandt J, Trautmann A, Vachová M, Sturm GJ. Factors Affecting the Safety and Effectiveness of Venom Immunotherapy. JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY. 2025. 40-49. DOI:10.18176/jiaci.0967. IF: 4,8 Q1 D3	GC01
Gamba JC, Borgna E, Prochetto E, Perez AR, Batista-Duharte A, Marcipar I, Gerard M, Cabrera G. Integrating Cellular Immune Biomarkers with Machine Learning to Identify Potential Correlates of Protection for a Trypanosoma cruzi Vaccine. VACCINES. 2025. -. DOI:10.3390/vaccines13090915. IF: 3,4 Q2 D5	GC01
Aguado R, Irure-Ventura J, Vargas ML, Roy G, Barrios Y, Martínez-Martínez L, Rodríguez B, Montes-Cano MA, López-Hoyos M, Jurado A. Laboratory and Clinical Practices in the Study of Coeliac Disease in Children and Adults: Recommendations from a Spanish Multicentre Survey. NUTRIENTS. 2025. -. DOI:10.3390/nu17122032. IF: 5 Q1 D2	GC01
Marquès L, Vega A, de la Roca F, Dominguez C, Soriano-Gomis V, Alfaya T, Ferré-Ybarz L, Vega JM, Tubella M, Ruiz-León B. Molecular Diagnosis in Hymenoptera Allergy: Comparison of Euroline DPA-Dx and ImmunoCAP. TOXINS. 2025. -. DOI:10.3390/toxins17060310. IF: 4 Q1 D3	GC01
Astarloa-Pando G, Polanco-Alonso D, Sandá V, Orrantia A, Amarilla-Irusta A, Pérez-Fernández S, Pérez-Garay R, Sevilla A, Lopez-Pardo A, Tijero A, Uriz JJ, Rey M, Astigarraga I, Manzanares-Martin B, Zarandona-Garai A, Bediaga NG, Amo L, Zenarruzabeitia O, Borrego F. Natural killer cells adopt an activated and decidual-like phenotype after autologous hematopoietic stem cell transplantation in children with cancer. COMMUNICATIONS MEDICINE. 2025. -. DOI:10.1038/s43856-025-00911-w. IF: 6,3 Q1 D2	GC01
Carreira-Santos S, González-Sánchez M, López-Sejas N, Hassouneh F, González-Fernández L, Jorge I, Durán E, Pera A, Vázquez J, Solana R, Tarazona R, Casado JG. Phenotypic, proteomic, and functional analyses of cytokine-induced memory-like NK cells show two distinct subsets based on CD16 expression. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-20947-1. IF: 3,9 Q1 D2	GC01
Castro AV, Breynaert C, Alfaya T, Bilò MB, Fassio F, Karabacak DE, Martini M, Sahiner ÜM, Ruiz-León B, Spriggs K, Sturm G, Boni E. The Sting Challenge Test: An EAACI Position Paper on Hymenoptera Venom Allergy. ALLERGY. 2025. 3251-3259. DOI:10.1111/all.70096. IF: 12 Q1 D1	GC01
Alvarez P, Navas A, Martí-Antonio M, Bernardo R, Trujillo-Aguilera A, Costa A, Carrero-Chiquillo L, Vaquero JM, de la Fuente C, Molina J, Jurado A. Algorithms for appropriate patient stratification in the face of a new SARS-CoV-2 pandemic. IMMUNITY & AGEING. 2025. -. DOI:10.1186/s12979-025-00532-w. IF: 5,6 Q1 D2	GC01
Valhondo I, Pera A, Hassouneh F, López-Sejas N, Alvarez-Heredia P, Bergua JM, Arcos MJ, Casas-Avilés I, Sánchez-García J, Serrano J, Martín C, Durán E, Alonso C, Solana R, Tarazona R. Expression of the inhibitory checkpoints LAG-3, TIM-3, and PD-1 in NK cells and T cells in acute myeloid leukemia: preserved expression of LAG-3 is associated with patient survival. CANCER IMMUNOLOGY IMMUNOTHERAPY. 2025. -. DOI:10.1007/s00262-025-04169-y. IF: 5,1 Q1 D3	GC01

PUBLICATIONS	IMIBIC GROUP
Vicens-Novell G, Fuentes AP, Delgado PS, Ruiz-Leon B. Hymenoptera Venom Anaphylaxis: What Makes Them Different. CURRENT TREATMENT OPTIONS IN ALLERGY. 2025. -. DOI:10.1007/s40521-025-00385-0. IF: 1,7 Q3 D	GC01
Vicens-Novell G, Fuentes AP, Delgado PS, Ruiz-Leon B. Understanding Hymenoptera Venom Allergy: Key Concepts and Clinical Approaches. CURRENT TREATMENT OPTIONS IN ALLERGY. 2025. -. DOI:10.1007/s40521-025-00403-1. IF: 1,7 Q3 D	GC01
Navarrete-Sirvent C, Mantrana A, Rivas-Crespo A, Díaz-Chacón A, Herrera-Casanova NM, Sánchez-Montero MT, Toledano-Fonseca M, Garcia-Ortiz MV, Ortiz-Morales MJ, Pulido G, Cano MT, Gómez-España A, González-Fernández R, Bourhis LL, Guil-Luna S, Rodriguez-Ariza A, Aranda E. Imbalanced NK cell subpopulations and TIGIT expression limit cetuximab efficacy in colorectal cancer: A promising target for treatment enhancement. CLINICAL AND TRANSLATIONAL MEDICINE. 2025. -. DOI:10.1002/ctm2.70351. IF: 6,8 Q1 D2	GC01
Mantrana A, Sánchez-Montero MT, Navarrete-Sirvent C, Herrera-Casanova N, Mena-Osuna R, Rivas-Crespo A, Díaz-Chacon A, Avila-Oca V, Toledano-Fonesca M, García-Ortiz MV, González-Fernández R, Gomez-España MA, Villar C, Medina-Fernández FJ, Aranda E, Guil-Luna S, Rodríguez-Ariza A. Glycolysis Inhibition Restores Immune Sensitivity in GSNOR-Deficient Colorectal Cancer. LABORATORY INVESTIGATION. 2025. -. DOI:10.1016/j.labinv.2025.104250. IF: 4,2 Q1 D2	GC01
Gómez-Aguilera M, Manzanares-Martín B, Cebrián-Aranda A, Rodríguez-Ariza A, González-Fernández R, del Puerto-Nevado L, García-Foncillas J, Aranda E. Immune Modulation Through KIR-HLA Interactions Influences Cetuximab Efficacy in Colorectal Cancer. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26168062. IF: 4,9 Q1 D3	GC01
Herrera-Martínez AD, Muñoz-Jiménez C, Romo AN, Aguilera JL, Moreno MAG, Puerta MJM, Roger AJ. Vitamin D and nutritional support in patients with heart failure: effect on circulating cytokines. REVISTA DE OSTEOPOROSIS Y METABOLISMO MINERAL. 2025. 139-145. DOI:10.20960/RevOsteoporosMetabMiner.00081. IF: 0,5 Q4 D	GC01
Gómez-Melero S, Hassouneh F, Vallejo-Bermúdez IM, Agüera-Morales E, Solana R, Caballero-Villarraso J. Tandem CAR-T cell therapy: recent advances and current challenges. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1546172. IF: 5,9 Q1 D2	GC01
Gay-Mimbrera J, Gómez-Arias PJ, Alvarez-Heredia P, Batista-Duharte A, Rivera-Ruiz I, Aguilar-Luque M, Juan-Cencerrado M, Mochón-Jiménez C, Cebrián-García A, Andújar-Pulido E, Pérez-Alegre M, Pera A, Ruano J. Integrated single-cell chromatin and transcriptomic analyses of peripheral immune cells in patients with alopecia areata. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1565241. IF: 5,9 Q1 D2	GC01
Roseira J, Estevinho MM, Gros B, Marafini I, Solitano V, Sousa P, Carretero C, Zou W, Parsa N, Charabaty A, Kunovsky L. Advances in endoscopy in IBD diagnostics and management. BEST PRACTICE & RESEARCH CLINICAL GASTROENTEROLOGY. 2025. -. DOI:10.1016/j.bpg.2025.102055. IF: 4 Q1 D3	GC02
Baldán-Martín M, Iloro I, Azkargorta M, Soleto I, Orejudo M, Ramirez C, Mercado J, Suárez-Trujillo F, Sánchez-Sánchez C, Garre A, Riestra S, Rivero M, Gutiérrez A, Rodríguez-Lago I, Fernández-Salazar L, Ceballos D, Benítez JM, Aguas M, Baston-Rey I, Bermejo F, Casanova MJ, Lorente-Poyatos RH, Ber Y, Ginard D, Esteve M, De Francisco R, García MJ, Francés R, Cabriada JL, Soto P, Nos P, Acosta MBD, Guerra I, Cruz DH, Cajal MD, Royo V, Aceituno M, Martín-Cofreces NB, Elortza F, Gisbert JP, Chaparro M. Comprehensive proteomic profile in newly diagnosed patients with inflammatory bowel disease: identification of potential biomarkers. JOURNAL OF CROHNS & COLITIS. 2025. -. DOI:10.1093/ecco-jcc/jjaf177. IF: 8,7 Q1 D1	GC02
Aguilera V, Moreno SR, Conde I, Rubín A, Carvalho-Gomes A, Romero M, Zamora-Olaya J, Gómez-Bravo MA, Fuentes-Valenzuela E, Dopazo C, Bilbao N, Gonzalez A, Sanchez-Martinez A, Pascual S, Rivera-Esteban J, Herrero JI, Lorente S, Cuadrado-Lavin A, Nogueras F, Martínez-Arenas L, González-Grande R, Berenguer M, Rodríguez-Perálvarez M. Cytomegalovirus Reactivation Is Associated With Lower Rates of Hepatocellular Carcinoma Recurrence After Liver Transplantation. TRANSPLANT INTERNATIONAL. 2025. -. DOI:10.3389/ti.2025.14553. IF: 3 Q1 D2	GC02
Gros B, Peraza J, Bassi M, Sleiman J, Abdelhalim S, Park E, Wong SY, Agrawal M, Grinspan LT, Charabaty A. Disparities in Gender and Race Representation Among Authors of Inflammatory Bowel Disease Clinical Trials. JOURNAL OF CROHNS & COLITIS. 2025. -. DOI:10.1093/ecco-jcc/jjae184. IF: 8,7 Q1 D1	GC02

PUBLICATIONS	IMIBIC GROUP
Chhibba T, Gros B, King JA, Windsor JW, Gorospe J, Leibovitzh H, Xue M, Turpin W, Croitoru K, Ananthakrishnan AN, Gearry RB, Kaplan GG. Environmental risk factors of inflammatory bowel disease: toward a strategy of preventative health. JOURNAL OF CROHNS & COLITIS. 2025. -. DOI:10.1093/ecco-jcc/jjaf042. IF: 8,7 Q1 D1	GC02
Sala M, Pascual S, Roca MRR, Rodriguez M, Chiminazzo V, Sala M, Pascual S, Roca MRR, Matilla AM, Campos M, Delgado M, Ferrerez MT, Montero JL, Guerrero A, Aracil C, Rodriguez-Lopez C, Sogbe M, Olmo JF, Minguez B, Vallejo-Senra N, Unceta PR, Clos A, Diaz-Bethencourt D, Sanchez AG, Castro RQ, Bustamante J, Perello C, Ponce JJU, Serra HA, Llamaza-Torres CJ, Montoliu S, Fernandez-Marcos C, Guiberteau A, Vergara M, Fernandez-Lopez AM, Gutierrez-Garcia ML, Hernaez-Alsina T, Coll S, Cuyas B, Morillas MJ, Olmedo SR, Fernandez-Bermejo M, Roget M, Ramos IC, Rio GPD, Rifa R, Gacho PC, Barrio ML, Gomez-Rubio M, Penas I, Cachero A, Reig M, Gonzalez-Santiago JM, Giraldez A, Guerrero M, Segarra JX, Romero-Gutierrez M, Lledo JL, Diaz-Gonzalez A, Cortes-Garcia L, Delgado C, Vazquez-Rodriguez S, Serra I, Inarrairaegui M, Fernandez-Marcos C, Rodriguez-Gonzalez M, Barrio ML, Diaz-Bethencourt D, Lazaro M, Bermudez-Ramos M, Lue ALR, Molina E, Macias-Rodriguez MA, Varela M. Evolving epidemiology of HCC in Spain. JHEP REPORTS. 2025. -. DOI:10.1016/j.jhepr.2025.101336. IF: 7,5 Q1 D2	GC02
Orejudo M, Gómez MJ, Riestra S, Rivero M, Gutiérrez A, Rodríguez-Lago I, Fernández-Salazar L, Ceballos D, Benítez JM, Aguas M, Bastón-Rey I, Bermejo F, Casanova MJ, Lorente-Poyatos RH, Ber Y, Ginard D, Esteve M, de Francisco R, García MJ, Francés R, Rodríguez A, Suárez NA, del Río EG, Soto P, Nos P, Acosta MBD, Guerra I, Cruz DH, Cajal MD, Royo V, Aceituno M, Aldars-García L, Garre A, Ramírez C, Soletto I, Schuppe-Koistinen I, Engstrand L, Baldán-Martín M, Sánchez-Cabo F, Gisbert JP, Chaparro M. Exploration of fecal microbiota in newly diagnosed patients with inflammatory bowel disease using shotgun metagenomics. FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY. 2025. -. DOI:10.3389/fcimb.2025.1595884. IF: 4,8 Q1 D2	GC02
Angelico R, Riani EB, De Martin E, Parente A, Foguene M, Sensi B, Rodríguez-Perálvarez ML. Immunosuppression protocols for emerging oncological indications in liver transplantation: A systematic review and pooled analysis. LIVER TRANSPLANTATION. 2025. 181-189. DOI:10.1097/LVT.0000000000000499. IF: 3,9 Q1 D1	GC02
González-Muñoz C, Giordano A, Ricart E, Nos P, Iglesias E, Gisbert JP, García-López S, Mesonero F, Pascual I, Tardillo C, Rivero M, Riestra S, Mañosa M, Zabana Y, Gomollón F, Calvet X, García-Sepulcre MF, Gutiérrez A, Pérez-Calle JL, Sierra-Ausín M, Bermejo F, Arias L, Barreiro-de Acosta M, Barrio J, Lorente R, Guardiola J, Varela P, Ponferrada-Díaz A, Marín-Jiménez I, Pascual CM, Garcia-Planella E, Domènech E. Influence of Familial Inflammatory Bowel Disease History on the Use of Immunosuppressants, Biological Agents and Surgery in Patients with Pediatric-Onset of the Disease in the Era of Biological Therapies. Results from the ENEIDA Registry. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14103352. IF: 2,9 Q1 D2	GC02
Madero-Velázquez L, Minguez A, Medina L, Ramirez J, Moreno N, Amorós C, Garcia-Brenes MA, Mena R, Benitez J, Gimeno-Pitarch L, Maroto N, Suria C, Rodriguez-Moranta F, Ordas I, Ruiz L, Garcia-Brenes MA, Gutiérrez A, de Celix CR, Cárdenas K, Ginard D, Medina L, Pédrero N, Plaza R, Salmoral R, Martinez-Pérez T, Algara V, Merino E, Zabana Y, Gutiérrez A. Leishmaniasis in Patients With Inflammatory Bowel Disease: A National Multicenter Study of GETECCU. UNITED EUROPEAN GASTROENTEROLOGY JOURNAL. 2025. 674-684. DOI:10.1002/ueg2.12740. IF: 8,7 Q1 D1	GC02
Casanova MJ, de Célix CR, Riestra S, Lucendo AJ, Benitez JM, Navarro-Llavat M, Barrio J, Morales-Alvarado VJ, Rivero M, Busquets D, Leo-Carnerero E, Nantes-Castillejo O, Navarro P, Van Domselaar M, Gutierrez-Casbas A, Alonso-Abreu I, Acosta MBD, Fernandez-Salazar L, Iborra M, Martín-Arranz MD, Garcia-Morales N, Guardiola J, Bouhmidí-Assakali A, Esteve M, Munoz-Villafranca C, Rodriguez-Lago I, Ceballos D, Guerra I, Mañosa M, Marín-Jiménez I, Vera-Mendoza I, Garre A, Chaparro M, Gisbert JP. Long-Term Outcomes Following Withdrawal of Anti-Tumour Necrosis Factor Treatment in Inflammatory Bowel Disease Patients in Remission: The Exit Long-Term Study of GETECCU. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2025. 59-71. DOI:10.1111/apt.70172. IF: 6,7 Q1 D1	GC02
Bancil AS, Gros B, Banerjee R, Charabaty A, Tozer P, Blackwell J. Milestone papers that changed clinical practice in IBD. FRONTLINE GASTROENTEROLOGY. 2025. 330-338. DOI:10.1136/flgastro-2025-103068. IF: 3,1 Q2 D4	GC02

PUBLICATIONS	IMIBIC GROUP
Rodríguez-Lago I, Marigorta UM, Mateos B, Mañosa M, Márquez-Mosquera L, Menchén L, Rodríguez-Moranta F, Alonso I, Aguas M, Alonso-Galán H, Borràs P, Castro B, Domenech E, Ferreiro-Iglesias R, de Francisco R, García-Alonso FJ, García N, García-Bosch O, Gargallo C, Gisbert JP, Iglesias E, Mesonero F, de Zárate JO, Ramos L, Sáinz E, Ladrón P, Suria C, Ferrer CS, Tejido C, Varela P, Vicente R, Zabana Y, Castany G, Rodríguez E, Gutierrez A, Acosta MBD. Natural history, immunological and genetic characteristics of preclinical inflammatory bowel disease (EARLY): study protocol for a prospective cohort study. THERAPEUTIC ADVANCES IN GASTROENTEROLOGY. 2025. -. DOI:10.1177/17562848251338647. IF: 3,4 Q2 D4	GC02
Mauro E, Rodríguez- Perálvarez M, D'Alessio A, Crespo G, Piñero F, De Martin E, Colmenero J, Pinato DJ, Forner A. New Scenarios in Liver Transplantation for Hepatocellular Carcinoma. LIVER INTERNATIONAL. 2025. -. DOI:10.1111/liv.16142. IF: 5,2 Q1 D2	GC02
Mateos AMC, de la Fuente GAC, Gros B. Paradigm Shift in Inflammatory Bowel Disease Management: Precision Medicine, Artificial Intelligence, and Emerging Therapies. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14051536. IF: 2,9 Q1 D2	GC02
Peris MA, Francisco JD, Mateu PN, Piudo AE, Moya MC, Gros B, Martín-Arranz MD, Boquet EM, Agustín SI, Martínez AV, Correcher M, Barreiro-de Acosta M, Ciria MM, Rodriguez-Moranta F, Zabana Y, Casbas AG. Position statement of the Spanish Working Group on Crohn's Disease and Ulcerative Colitis on the use of Telemedicine in Inflammatory Bowel Disease. GASTROENTEROLOGIA Y HEPATOLOGIA. 2025. -. DOI:10.1016/j.gastrohep.2024.502320. IF: 1,9 Q3 D	GC02
Sánchez-Torrijos Y, Fernández-Alvarez P, Rosales JM, Pérez-Estrada C, Alañón-Martinez P, Rodriguez-Perálvarez M, Jimeno C, Del Pino P, Garcia-Garcia A, López-Garrido A, Garcia-Cortés M, Romero G, Romero-Gómez M, Casado M, Carmona I, Ampuero J. Prognostic implications of recompensation of decompensated cirrhosis after SVR in patients with hepatitis C. JOURNAL OF HEPATOLOGY. 2025. 652-661. DOI:10.1016/j.jhep.2025.02.041; 10.1016/j.jhep.2025.02.041. IF: 33 Q1 D1	GC02
Caballero-Mateos AM, Brunet-Mas E, Gros B. Systemic Consequences of Inflammatory Bowel Disease Beyond Immune-Mediated Manifestations. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14227984. IF: 2,9 Q1 D2	GC02
Mesonero F, Alicia LG, José MB, Cristina RD, Ignacio MJ, Cristina SF, Albert MC, Esteban FV, Alejandro M, Andrés C, Cristina R, Agnès FC, Jerusalén GPC, Begoña AH, José GM, Xavier SOJ, Carmen RGM, Francisco LRS, Ignacio O, Daniel MR, María GV, Angel PD, Iria BR, María BJ, Cristina R, Alejandro LGE, Genaro DGP, Leyanira T, Alejandro HC, Lorena B, Gisela P, Eduard B, Martín I, Miquel MC, Yamile Z, Ana G. Therapeutic management and risk of colectomy in patients with acute severe ulcerative colitis and previous exposure to anti-tumor necrosis factor drugs: a comparative study of GETECCU. JOURNAL OF CROHNS & COLITIS. 2025. -. DOI:10.1093/ecco-jcc/jjaf183. IF: 8,7 Q1 D1	GC02
Gros B, Constantine-Cooke N, Kennedy J, Elford AT, O'Hare C, Noble C, Jones GR, Arnott ID, Lees CW, Plevris N. Tofacitinib Versus Vedolizumab Among Bio-naive Patients With Ulcerative Colitis: A Real-World Propensity-Weighted Comparison. JOURNAL OF CROHNS & COLITIS. 2025. -. DOI:10.1093/ecco-jcc/jjae188. IF: 8,7 Q1 D1	GC02
Elford AT, Constantine-Cooke N, Jenkinson PW, Gros B, Plevris N, Lyons M, Ong S, Greenlees N, Velasco-Pardo V, O'Hare C, Ventham NT, Henderson P, Wilson DC, Din S, Noble CL, Jones GR, Arnott I, Lees CW. Twenty-Year Trends in Colectomy Rates and Advanced Therapy Prescribing in Lothian, Scotland. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2025. 699-709. DOI:10.1111/apt.70240. IF: 6,7 Q1 D1	GC02
Mesonero F, Zabana Y, Fernández-Clotet A, Solá A, Caballol B, Leo-Carnerero E, García MJ, Bertoletti F, Bastida G, Suris G, Casis B, Ferreiro-Iglesias R, Calafat M, Jiménez I, Miranda-Bautista J, Lamuela LJ, Fajardo I, Torrealba L, Nájera R, Sáiz-Chumillas RM, González-Partida I, Vicuña M, García-Morales N, Gutiérrez A, López-García A, Benitez JM, de Célix CR, Tejido C, Brunet E, Hernandez-Camba A, Suárez C, Rodríguez-Lago I, Piqueras M, Castaño A, Ramos L, Sobrino A, Rodríguez-Grau MC, Elosua A, Montoro M, Baltar R, Huguet JM, Hermida B, Caballero-Mateos A, Sánchez-Guillén L, Bouhmidí A, Pajares R, Baston-Rey I, López-Sanromán A, Albillos A, Barreiro-de Acosta M. Types, behaviour and therapeutic requirements of inflammatory pouch disorders: Results from the RESERVO study of GETECCU. DIGESTIVE AND LIVER DISEASE. 2025. 566-573. DOI:10.1016/j.dld.2024.09.023. IF: 3,8 Q2 D4	GC02

PUBLICATIONS	IMIBIC GROUP
Espejo-Cruz ML, González-Rubio S, Espejo JJ, Zamora-Olaya JM, Prieto-Torre M, Linares CI, Ruiz-Ramas A, Jiménez-Arranz A, Guerrero-Misas M, Barrera-Baena P, Poyato-González A, Montero JL, Sánchez-Frías M, Ayllón MD, Rodríguez-Perálvarez ML, de la Mata M, Ferrín G. Early release of circulating tumor cells after transarterial chemoembolization hinders therapeutic response in patients with hepatocellular carcinoma. JOURNAL OF TRANSLATIONAL MEDICINE. 2025. -. DOI:10.1186/s12967-025-06092-3. IF: 7,5 Q1 D2	GC02
Gómez-Orellana AM, Rodríguez-Perálvarez ML, Guijo-Rubio D, Gutiérrez PA, Majumdar A, McCaughan GW, Taylor R, Tsochatzis EA, Hervás-Martínez C. Gender-Equity Model for Liver Allocation Using Artificial Intelligence (GEMA-AI) for Waiting List Liver Transplant Prioritization. CLINICAL GASTROENTEROLOGY AND HEPATOLOGY. 2025. 2187-2196. DOI:10.1016/j.cgh.2024.12.010. IF: 12,2 Q1 D1	GC02
Hermán-Sánchez N, del Rio-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. MOLECULAR CANCER. 2025. -. DOI:10.1186/s12943-024-02206-5. IF: 33,9 Q1 D1	GC02
Fuentes A, Estévez-Escobar M, De Salazar A, Escolano ER, Montiel N, Macías M, Alados JC, Aguilar JC, Pérez AB, Baena PB, Cabezas T, Camelo-Castillo A, Palop B, Grande RG, Viciana I, Bandera JMP, Sánchez FF, Lozano MD, Giráldez A, Domínguez MD, Maté CJ, Arellano ER, Cordero P, De Luna FFA, del Pino P, Salgado AD, Pérez D, Sampedro A, Garrido MAL, Luzón-García MP, Salas-Coronas J, Roldán C, García F, Freyre C, Rodríguez GS, Rosales-Zabal JM, Domínguez-Hernández R, Casado M, García F. Double reflex testing improves the efficacy and cost effectiveness of hepatitis delta diagnosis in southern Spain. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-00101-7. IF: 3,9 Q1 D2	GC02
Díaz-González A, Schregel I, Carballo L, Alvarez-Navascués C, Frisancho-Morales E, Miquel M, Retortillo MG, Gómez J, Horta D, Mateos B, Engel B, Volmer F, del Barrio M, Rodriguez-Tajes S, Olivas I, Hartl J, González CA, Hernández-Guerra M, Castello I, Pérez-Medrano I, González-Santiago JM, Arencibia A, Gómez A, Rodriguez-Perálvarez M, Crespo J, Sala M, Salcedo M, Barreira-Díaz A, Riveiro-Barciela M, Taubert R, Schramm C, Londoño MC, Registry C. Isolated IgG elevation in patients with persistently normal transaminases does not affect the outcome of autoimmune hepatitis. JHEP REPORTS. 2025. -. DOI:10.1016/j.jhepr.2025.101562. IF: 7,5 Q1 D2	GC02
Del Barrio M, Ferreiro E, Gómez E, Caballero A, Salcedo M, Santos-Laso A, González-Pascual A, Sousa JM, Gómez J, Pérez-Medrano I, Calvo MQ, Fernández-Rodríguez C, Mateos B, Arencibía A, Riveiro-Barciela M, Vaz-Romero I, Horta D, Conde I, El Hajra I, Rodríguez-Perálvarez M, Cuerva MO, Sala M, García-Retortillo M, Hernáez T, Miquel M, González-Santiago JM, Crespo J, Londoño MC, Díaz-González A. Occurrence and Management of Opportunistic Infections in Patients With Autoimmune Hepatitis: A Spanish Multicentre Study. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2025. 493-503. DOI:10.1111/apt.70208. IF: 6,7 Q1 D1	GC02
Gros B, Martínez PEA, Cuerva MO, Aparicio-Serrano A, Jiménez EG, Lucio AS, Pleguezuelo M, Molina AJH, Ruiz FJS. Diagnostic yield of biliary brush cytology via endoscopic retrograde cholangiopancreatography: a 7-year tertiary center experience. REVISTA ESPANOLA DE ENFERMEDADES DIGESTIVAS. 2025. 447-454. DOI:10.17235/reed.2025.11158/2025. IF: 4 Q1 D3	GC02
Navarro L, Perez-Bartivas L, Ponferrada D, Cejas J, Camús JA, Rangel N, Porras M, Estevez CM, Eito AP, Rioja P, Alvarez M, Aranda E, de la Haba-Rodríguez. Prioritizing breast cancer surgeries: insights from the KRONOS SCORE. FRONTIERS IN ONCOLOGY. 2025. -. DOI:10.3389/fonc.2024.1465154. IF: 3,3 Q2 D4	GC02
Sanz-Sanz J, Gutiérrez-Casbas A, Plaza Z, Gratacós J, Rodríguez-Lago I, Marín-Jiménez I, Trujillo-Martín E, Perez-Pampín E, Barreiro-de Acosta M, Hernández-Hernández MV, Carrillo-Palau M, García-Vivar ML, Muñoz-Villafrañca MC, Ladehesa-Pineda ML, Iglesias-Flores E, Merino-Argumáñez C, González-Lama Y, Arévalo-Salaet M, Calvet X, Díaz-Gonzalez F. Prevalence of Undiagnosed Inflammatory Bowel Disease in Spondyloarthritis Patients. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14134569. IF: 2,9 Q1 D2	GC02

PUBLICATIONS	IMIBIC GROUP
Caballero-Gómez J, Casares-Jimenez M, Gallo-Marín M, Pereira-Pardo S, Beato-Benítez A, Poyato A, Guerra R, Avellón A, Schilling-Loeffler K, Freyre-Carrillo C, García-Bocanegra I, Jiménez-Martin D, Corona-Mata D, Viciana I, Fajardo T, Muñoz-Chimeno M, Quevedo MA, Rios-Muñoz L, Pérez AB, Cano-Terriza D, Macías J, Fuentes A, Johne R, Rivero-Juarez A, Rivero A. Rat hepatitis E virus as an aetiological agent of acute hepatitis of unknown origin. JOURNAL OF HEPATOLOGY. 2025. 662-669. DOI:10.1016/j.jhep.2025.02.027; 10.1016/j.jhep.2025.02.027. IF: 33 Q1 D1	GC02
Carmeli Y, Cisneros JM, Paul M, Daikos GL, Wang MG, Torre-Cisneros J, Singer G, Titov I, Gumenchuk I, Zhao YJ, Jiménez-Rodríguez RM, Liang L, Chen G, Pyptiuk O, Aksoy F, Rogers H, Wible M, Arhin FF, Luckey A, Leaney JL, Pypstra R, Chow JW, COMBACTE-CARE Consortium REVISIT Study Grp. Aztreonam-avibactam versus meropenem for the treatment of serious infections caused by Gram-negative bacteria (REVISIT): a descriptive, multinational, open-label, phase 3, randomised trial. LANCET INFECTIOUS DISEASES. 2025. 218-230. DOI:10.1016/S1473-3099(24)00499-7. IF: 31 Q1 D1	GC03
López-Medrano F, Carver PL, Rutjanawech S, Aranha-Camargo LF, Fernandes R, Belga S, Daniels SA, Mueller NJ, Burkhard S, Theodoropoulos NM, Postma DF, van Duijn PJ, de las Revillas FA, del Molino-Bernal CP, Hand J, Lowe A, Bodro M, Vanino E, Fernández-Cruz A, Ramos-Martínez A, Makek MJ, Mjahed RB, Manuel O, Kamar N, Calvo-Cano A, Rueda-Carrasco L, Muñoz P, Alvarez-Uría A, Pérez-Recio S, Sabé N, Rodríguez-Alvarez R, Silva JT, Mularoni A, Vidal E, Alonso-Titos J, del Rosal T, Classen AY, Goss CW, Agarwal M, Mejia-Chew C. Clinical Management and Outcomes of Nontuberculous Mycobacterial Infections in Solid Organ Transplant Recipients: A Multinational Case-control Study. TRANSPLANTATION. 2025. e134-e141. DOI:10.1097/TP.0000000000005156. IF: 5 Q1 D2	GC03
Cano A, Arabi ER, Ruiz L, Nadales BJ, Baumela A, Recio M, Machuca I, Castón JJ, Perez-Nadales E, Cisneros JT. Compassionate Use of Encapsulated MKB-01 Fecal Microbiota Transplantation for Recurrent Clostridioides difficile Infection: A Single-Center Experience. MICROORGANISMS. 2025. -. DOI:10.3390/microorganisms13092134. IF: 4,2 Q2 D3	GC03
Olivares-Navarro P, Pérez-Rodríguez MT, Goikoetxea-Agirre AJ, Reguera-Iglesias JM, León E, Mantecón MA, Pulido-Navazo A, Boix-Palop L, Retamar-Gentil P, Armiñanzas-Castillo C, Fernández-Natal I, Jover-Sáenz A, Jiménez AD, Fernández-Suárez J, Martín-Aspas A, Smithson-Amat A, Carrasco AB, Natera-Kindelán C, Pérez-Crespo PM, Hernández IL, López-Cortés LE, Rodríguez-Baño J. Development and validation of a predictive mortality scoring model for bloodstream infections due to Escherichia coli in the PROBAC cohort. INFECTION. 2025. 2681-2689. DOI:10.1007/s15010-025-02614-9. IF: 3,6 Q2 D3	GC03
Moreno-Mellado E, Aslan AT, Akova M, León E, Merchante N, Vinuesa D, Moral-Escudero E, Sadyrbaeva-Dolgova S, López-Cárdenas S, Cano-Yuste A, Rinaldi M, Núñez-Núñez M, Giannella M, Sojo-Dorado J, Antolí-Royo AC, Chacón N, Merino-Bohórquez V, Portillo I, Rodríguez-Baño J, Docobo-Pérez F, Gutiérrez-Gutiérrez B. Effectiveness and tolerability of intravenous fosfomycin in treating complicated urinary tract infections caused by Escherichia coli: a prospective cohort study from the FOSFOMIC project. CLINICAL MICROBIOLOGY AND INFECTION. 2025. 839-846. DOI:10.1016/j.cmi.2025.01.007. IF: 8,5 Q1 D1	GC03
Rando E, Delgado-Valverde M, Aguirre JG, Carrión LG, Vidal MJB, Andrés JLB, Rodríguez MTP, Lamas LM, de las Revillas FA, Armiñanzas C, de Alegría-Puig CR, Aguilar PJ, Martínez-Rubio MD, Sáez-Béjar C, de las Cuevas C, Martín-Aspas A, Galán F, Yuste JR, Leiva-León J, Bou G, González PC, Boix-Palop L, Xercavins-Valls M, Goenaga-Sánchez MA, Anza DV, Castón JJ, Rufián MR, Merino E, Rodríguez JC, Loeches B, Rosso-Fernández C, Bravo-Ferrer JM, Retamar-Gentil P, Rodríguez-Baño J, Cortés LEL. Effectiveness of oral step-down therapy and early oral switch for bloodstream infections caused by Enterobacterales: A post hoc emulation trial of the SIMPLIFY trial. INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES. 2025. -. DOI:10.1016/j.ijid.2025.107917. IF: 4,3 Q1 D2	GC03
De la Rosa-Riestra S, Gutiérrez-Gutiérrez B, López-Hernández I, Pérez-Rodríguez MT, Agirre JG, Plata A, León E, Alvarez MCF, Fernández-Natal I, Fernández-Suárez J, Boix-Palop L, Pedragosa JC, Jover-Sáenz A, Calvo JMS, Martín-Aspas A, Natera-Kindelán C, Del Arco-Jiménez A, Pérez-Crespo PMM, López-Cortés LE, Rodríguez-Baño J. External validation of the predictive ability of Charson, SOFA, Pitt, INCREMENT-ESBL and bloodstream infection mortality Risk for 30-day-mortality in bacteraemia using the PROBAC cohort data. INFECTIOUS DISEASES. 2025. 1059-1067. DOI:10.1080/23744235.2025.2527681. IF: 2,3 Q3 D	GC03

PUBLICATIONS	IMIBIC GROUP
Retamar-Gentil P, Alegre-Albendea M, De Santis LV, Caston-Osorio JJ, Márquez-Gomez I, Corzo-Delgado JE, Praena-Segovia J, Herrero-Rodríguez C, Esteban-Moreno MA, Martín-Aspas A, Jiménez-Aguilar P, Martínez-Marcos FJ, Lopez-Cárdenas S, Ojeda-Burgos G, Sadyrbaeva-Dolgova S, Anguita-Santos F, Baño JR, Palacios-Baena ZR. How to use novel antimicrobials beyond official indications: an expert consensus. JAC-ANTIMICROBIAL RESISTANCE. 2025. -. DOI:10.1093/jacamr/dlaf184. IF: 3,3 Q2 D3	GC03
Gutiérrez-Gutiérrez B, Gallego-Mesa B, Kaasch AJ, Riediger M, Rieg S, Trigo M, Salto-Alexandre S, Anguita-Santos F, Cano A, Prolo-Acosta A, López-Cárdenas S, Pérez-Rodríguez MT, Martínez-Marcos FJ, Merino-Lucas E, Anaya-Baz B, Arizcorreta A, Plata-Ciezar A, Piscaglia M, Aceituno A, Romero-Calderon L, Hornuss D, Alemán-Rodríguez A, Gimeno-Gascón A, Recacha E, Torre-Cisneros J, Merchante N, Pascual A, López-Cortés LE, Rodríguez-Bano J. Identification and validation of clinical phenotypes in Staphylococcus aureus bloodstream infection and their association with mortality (FEN-AUREUS study). ECLINICALMEDICINE. 2025. -. DOI:10.1016/j.eclinm.2025.103240. IF: 10 Q1 D1	GC03
Jastorff A, Gymnopoulou E, Salas J, Merrall E, Buntinx E, Martin C, Askling HH, Schenkenberger I, Yuste AC, Smith W, Sotolongo R, Von Engelhardt C, Bastian AR, Comeaux C, Ligtenberg N, Callendret B, Heijnen E. Safety and immunogenicity of the Ad26/protein preF RSV vaccine in adults aged 18 to 59 years with and without at-risk comorbidities for severe respiratory syncytial virus disease: A phase 3, randomized, controlled, immunobridging trial. VACCINE. 2025. -. DOI:10.1016/j.vaccine.2024.126514. IF: 3,5 Q2 D4	GC03
Cobo-Vázquez E, Aguilera-Alonso D, Grandioso-Vas D, Gamell A, Rello-Saltor V, Oltra-Benavent M, Cervantes E, Sanz-Santaeufemia F, Carrasco-Colom J, Manzanares-Casteleiro A, Martin-Pedraz L, de Arellano ER, Falcón-Neira L, Martínez-Campos L, Colino-Gil E, Jimenez-Montero B, Calavia O, Hernandez-Ventura A, Del Castillo-Navio E, Matias-Del Pozo V, Calle-Miguel L, Soto B, Fernández B, Camil-Olteanu F, Pareja-León M, López-Segura N, Ara-Montojo F, Ruiz-Sáez B, Calvo-Monge C, Sánchez-Códez M, Reinoso T, Badillo K, Vázquez C, Villalón P, Oteo-Iglesias J, Mellado-Sola I, Cercenado E, Blázquez-Gamero D, Menasalvas A, González-Abad MJ, Guarch B, Ibáñez-Alcalde M, Carazo B, Lung M, Calvo C, Saavedra-Lozano J. Sharp increase in the incidence and severity of invasive Streptococcus pyogenes infections in children after the COVID-19 pandemic (2019-2023): A nationwide multicenter study. INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES. 2025. -. DOI:10.1016/j.ijid.2025.107982. IF: 4,3 Q1 D2	GC03
Paez-Vega A, Vaquero-Barrios JM, Ruiz-Arabi E, Iturbe-Fernandez D, Alonso R, Ussetti-Gil P, Monforte V, Pastor A, Fernandez-Moreno R, Mora VM, Erro-Iribarren M, Quezada CA, Berastegui C, Cifrian-Martinez JM, Cano A, Caston JJ, Machuca I, Lobo-Acosta MA, Gutierrez-Gutierrez B, Cantisan S, Torre-Cisneros J. Safety and efficacy of immunoguided prophylaxis for cytomegalovirus disease in low-risk lung transplant recipients in Spain: a multicentre, open-label, randomised, phase 3 noninferiority trial. LANCET REGIONAL HEALTH-EUROPE. 2025. -. DOI:10.1016/j.lanepe.2025.101268. IF: 13 Q1 D1	GC03
Ruiz-Arabi E, Castón JJ, Páez-Vega A, Fernández-Moreno R, Giovagnorio F, Gutiérrez-Gutiérrez B, Cano A, Rodríguez-Benot A, Vaquero-Barrios JM, Machuca I, Vidal E, Cantisán S, Torre-Cisneros J. Quantifying Gamma-Interferon from CMV-Specific CD8+T Cells Defines Protection Against Clinically Significant CMV Infection in Solid Organ Transplant Recipients: The Quanti-CMV Score. MICROORGANISMS. 2025. -. DOI:10.3390/microorganisms13030589. IF: 4,2 Q2 D3	GC03
Torre-Cisneros J, Ferrer R, Martos CD, Sarda J, Calvo AJG, Verardi S, Karas A, Soriano A. Cefiderocol treatment for patients infected by Stenotrophomonas maltophilia, Burkholderia cepacia complex and Achromobacter spp.: subgroup analysis from the PERSEUS study. EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES. 2025. 1367-1374. DOI:10.1007/s10096-025-05109-5. IF: 3 Q2 D4	GC03
Torre-Cisneros J, Almirante B, Martos CD, Rascado P, Lletí MS, Sánchez-García M, Soriano A, Soriano-Cuesta MC, Calvo AJG, Karas A, Sarda J, Verardi S, Ferrer R. Effectiveness and safety of cefiderocol treatment in patients with Gram-negative bacterial infections in Spain in the early access programme: results of the PERSEUS study. EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES. 2025. 1375-1390. DOI:10.1007/s10096-025-05108-6. IF: 3 Q2 D4	GC03

PUBLICATIONS	IMIBIC GROUP
Recio-Rufian M, López-Viñau T, Gálvez-Soto V, Cano A, Ruiz-Montero R, Gutiérrez-Gutiérrez B, Gracia-Ahufinger I, Peñalva G, Marín-Sanz JA, Marin-Sanz M, Segorbe D, Pineda-Capitán JJ, Muñoz-Rosa M, Riazzo C, Giovagnorio F, Ruiz-Arabi E, Torres-Peña JD, Castón JJ, Machuca I, Salcedo-Leal I, Martínez-Martínez L, Pérez-Nadales E, Torre-Cisneros J. Incidence, clinical and genomic trends of hospital- and Non-hospital-onset KPC-producing Klebsiella pneumoniae infections before and during the COVID-19 era: a ten-year interrupted time series study. ANTIMICROBIAL RESISTANCE AND INFECTION CONTROL. 2025. -. DOI:10.1186/s13756-025-01614-6. IF: 4,4 Q1 D2	GC03
Castón JJ, Aparicio C, Paez-Vega A, López LP, García E, Martín C, Ruiz-Arabi E, Cuesta-Casas MA, Bermúdez-Rodríguez MA, Cerezo-Martín JM, González-Sierra PA, Machuca I, Domínguez FMM, Saldaña-Moreno R, Herrera C, Torre-Cisneros J. Impact of CMV-specific immune reconstitution at the end of letermovir prophylaxis on the development of late cytomegalovirus infection in haematopoietic stem cell transplant recipients (INMUNOEND): a protocol for a prospective, observational, multicentre study. BMJ OPEN. 2025. -. DOI:10.1136/bmjopen-2025-101289. IF: 2,3 Q2 D3	GC03
Recacha E, Delgado-Valverde M, Pulido MR, Pérez-Nadales E, Pérez-Palacios P, Portillo-Calderón I, Sánchez-Calvo JM, Gracia-Ahufinger I, Pascual A. Characterization of a blaKPC-3-carrying plasmid in a clinical isolate of Klebsiella pneumoniae belonging to the emerging successful clone ST147. MICROBIOLOGY SPECTRUM. 2025. -. DOI:10.1128/spectrum.02338-24. IF: 3,8 Q2 D4	GC03
Machuca I, Dominguez A, Amaya R, Arjona C, Gracia-Ahufinger I, Carralon M, Giron R, Gea I, De Benito N, Martin A, Galan F, Martinez JA, Iglesias R, Revuelto J, Caston JJ, Cano A, Ruiz-Arabi E, Martínez-Martínez L, Torre-Cisneros J. Real-World Experience of Imipenem-Relebactam Treatment as Salvage Therapy in Difficult-to-Treat Pseudomonas aeruginosa Infections (IMRECOR Study). INFECTIOUS DISEASES AND THERAPY. 2025. 283-292. DOI:10.1007/s40121-024-01077-z. IF: 5,3 Q1 D2	GC03
Rodríguez-Goncer I, Ruiz-Arabi E, Herrera S, Sabé N, Los-Arcos I, Silva JT, Perez-Nadales E, Machuca I, Alvarez R, Valerio M, Castón JJ, Aguilera V, Bodro M, Cano A, Cantón R, Carmona P, Carratalà J, Cordero E, Cruzado JM, Fariñas MC, Fernández-Ruiz M, Fondevila C, Fortún J, García-Cosío MD, Gutiérrez-Dalmau A, Iturbe D, Justo I, Len O, López-Medrano F, Oliva MOL, Martín-Dávila P, Martínez-Martínez L, Mazuecos A, Mirabet S, Muñoz P, Oliver A, Pérez-Sáez MJ, Rodríguez-Gómez J, San-Juan R, Sánchez-Céspedes J, Solé A, Verdú EV, Villa J, Torre-Cisneros J, Aguado JM. Management of multidrug-resistant gram-negative bacilli infections in adult solid organ transplant recipients: GESITRA-IC/SEIMC, CIBERINFEC, and SET recommendations update.. TRANSPLANTATION REVIEWS. 2025. -. DOI:10.1016/j.trre.2025.100937. IF: 2,5 Q2 D4	GC03
Palomino-Fernandez L, Villarejo-Perez A, Fernandez-Fuentes C, Sanchez-Codez MI, Leon ND, Gallego-Gutierrez S, Peromingo-Matute E, Carazo-Gallego B, Lopez-Laso E, Cano-Cabrera M, Falcon-Neyra L, Neth O, Ruiz-Saez B. Could Intravenous Immunoglobulin Be an Alternative Therapy for Treating Infant Botulism in Areas Where Human Botulism Immunoglobulin Is Not Easily Available?: Our Experience in Andalusia, Spain. PEDIATRIC INFECTIOUS DISEASE JOURNAL. 2025. e193-e198. DOI:10.1097/INF.0000000000004727. IF: 2,2 Q2 D3	GC03
Blanco-Martin T, Guzmán-Puche J, Hernández-García M, Muñoz-Rosa M, Elias-López C, Riazzo C, Torre-Cisneros J, Arca-Suárez J, Causse M, Bou G, Cantón R, Martinez-Martinez L. Mechanisms of resistance to ceftazidime/avibactam in mutants derived in vitro from Klebsiella pneumoniae producing OXA-48-like enzymes. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2025. 3265-3272. DOI:10.1093/jac/dkaf360. IF: 3,6 Q2 D4	GC03
Muñoz-Rosa M, Elías-López C, Pedraza R, Riazzo C, Arjona-Torres C, Machuca I, Tejero-García R, Torre-Cisneros J, Martínez-Martínez L. In Vitro Activity of Delafloxacin Against Corynebacterium spp.. ANTIBIOTICS-BASEL. 2025. -. DOI:10.3390/antibiotics14100973. IF: 4,6 Q1 D2	GC03
Rivera-Ruiz I, Ungar B, Dávila-Flores V, Gay-Mimbrera J, Gómez-Arias PJ, Juan-Cencerrado M, Mochón-Jiménez C, Parra-Peralbo E, Isla-Tejera B, López TLV, Guttman-Yassky E, Ruano J. Unravelling the transcriptomic landscape of primary lymphocytic scarring alopecias: systematic review and meta-analysis. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1651019. IF: 5,9 Q1 D2	GC03

PUBLICATIONS	IMIBIC GROUP
de Luque J, Mochón-Jimenez C, Rivera-Ruiz I, Gay-Mimbrera J, Fuentes-Duculan J, Coats I, Aguilar-Luque M, Isla-Tejera B, Nieto AVG, Galán-Gutierrez M, López TLV, Suarez-Fariñas M, Krueger JG, Ruano J. A Functional Genetic Score in the ZMIZ1/TGF-β/STAT Pathway Predicts Early Biologic Discontinuation in Psoriasis Patients Treated with Anti-TNF and Anti-IL12/23 Agents. ADVANCES IN THERAPY. 2025. 6030-6044. DOI:10.1007/s12325-025-03350-0. IF: 4 Q2 D3	GC03
Lopez C, Sanchez-Sanchez R, Corona D, Perez AB, Bravo F, de Alba M, Bracero A, Cazorla C, Vázquez A, Sánchez-Seco MP, Negredo A, Gómez-Pinedo U, Martinez-Martinez L, Torre-Cisneros J, de la Fuente C. A Fatal Case of Monkeypox-Associated Encephalitis in a Non-HIV-Infected Patient. CRITICAL CARE EXPLORATIONS. 2025. -. DOI:10.1097/CCE.0000000000001272. IF: 2,7 Q2 D5	GC03
Rodríguez-Gómez J, Gracia-Ahufinger I I, Carmona-Flores R, Guzmán-Puche J, León R, Pérez-Nadales E, de la Rosa MM, Natera AM, Castón JJ, Cano A, Pineda-Capitán JJ, López C, de la Fuente-martos C, Torre-Cisneros J, Martínez-Martínez L. Efficacy of high doses of intravenous fosfomycin for treatment of urinary tract infection caused by KPC carbapenemase-producing Klebsiella pneumoniae : An observational study. JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE. 2025. 138-143. DOI:10.1016/j.jgar.2024.12.013. IF: 3,2 Q2 D4	GC03
Alessandro LP, Lorena D, Riccardo N, Marika LM, Anastasia F, Alessia A, Margherita B, Ernesto MP, Oliver K, Vincenzo S, Luca GG, Albanese M, Raffaele D. A rapid and robust luciferase-based reporter system to assess SARS-CoV-2 protease activity. VIROLOGY. 2025. -. DOI:10.1016/j.virol.2025.110659. IF: 2,4 Q3 D	GC04
Millán-Jiménez M, Díaz ES, Mora-Castaño G, Anjani QK, García-Martín A, Caraballo I, Larrañeta E, Domínguez-Robles J. Evaluating the potential of ultrasound-assisted compression for crafting implantable drug delivery systems. JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY. 2025. -. DOI:10.1016/j.jddst.2025.107056. IF: 4,9 Q1 D2	GC04
Rodríguez-Carreiro S, Gómez-Cañas M, Lubrini F, Gonzalo-Consuegra C, Winkler M, Caprioglio D, Appendino G, García C, Morales P, Jagerovic N, Fischerd JT, Fiebich BL, Goetz MR, Muñoz E, Fernández-Ruiz J. Investigation in the CB1 and CB2 receptor binding profile and intrinsic activity of (-) and (+)-enantiomers of some naturally occurring phytocannabinoids or synthetic derivatives. EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY REPORTS. 2025. -. DOI:10.1016/j.ejmcr.2025.100262. IF: 4,1 Q2 D4	GC04
Ponce-Díaz FJ, Ruiz-Pino F, Garrido-Rodríguez M, Prados-González ME, Uceda-Rodríguez E, Cerero-Tejero L, Guerrero-Ruiz Y, Sanchez-Garrido MA, Muñoz E, Tena-Sempere M. Cannabidiol improves metabolic profiles and alleviates liver inflammation and fibrosis in conditions of androgenic obesity and polycystic ovary syndrome. DIABETES OBESITY & METABOLISM. 2025. 6027-6031. DOI:10.1111/dom.16602. IF: 5,7 Q1 D2	GC04
Jurado PBG, Herrero JJE, Galera MSL, Montilla MEP, Acosta SB, García-Revillo J, Ugalde PF, Benito MA. CLINTERVENTIONAL protocol: a randomized controlled trial to evaluate clinical consultations and audiovisual tools for interventional radiology. EUROPEAN RADIOLOGY EXPERIMENTAL. 2025. -. DOI:10.1186/s41747-024-00545-y. IF: 3,6 Q1 D2	GC05
Jurado PBG, Herrero JJE, Galera MSL, Montilla MEP, Acosta SB, García JGR, Ugalde PF, Benito MA. Impact of the clinical role of interventional radiologists: results of the CLINTERVENTIONAL randomized controlled trial. EUROPEAN RADIOLOGY. 2025. 7658-7668. DOI:10.1007/s00330-025-11757-0. IF: 4,7 Q1 D2	GC05
Pine A, Butt A, Andreoli L, Knight JS, Gerosa M, Cecchi I, Branch DW, Lopez-Pedrerá R, Belmont HM, Kello N, Petri M, Cervera R, Pengo V, Meroni PL, Cohen H, Willis R, Bertolccini ML, Goshua G, Gu S, Hwa J, Lee AI, Erkan D, Sharda AV. A proteomic map of thromboinflammatory signatures in antiphospholipid syndrome: results from antiphospholipid syndrome alliance for clinical trials and international networking (APS ACTION) registry. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1676578. IF: 5,9 Q1 D2	GC05
Beretta M, Martin E, Fogel O, López-Medina C, Planchais C, Bruneau T, Goncalves P, Avouac J, Berenbaum F, Sellam J, Fautrel B, Morel J, Parfait B, Di Santo JP, Behillil S, van der Werf S, Pere H, Latour S, Mouquet H, Miceli-Richard C. Adaptive immune responses to SARS-CoV-2 in DMARD-treated patients with chronic inflammatory rheumatisms. RMD OPEN. 2025. -. DOI:10.1136/rmdopen-2025-005673. IF: 4,7 Q1 D2	GC05

PUBLICATIONS	IMIBIC GROUP
Lopez-Medina C, Mulder M, Eder L, Husni ME. Advancing Psoriatic Disease Knowledge: Highlights From the GRAPPA 2024 Trainee Symposium. JOURNAL OF RHEUMATOLOGY. 2025. 23-29. DOI:10.3899/jrheum.2025-0701. IF: 3,4 Q2 D3	GC05
Cecchi I, Radin M, Foddai SG, Barinotti A, Andrade D, Tektonidou MG, Pengo V, Ruiz-Irastorza G, Belmont HM, Pedrera CL, Fortin PR, Gerosa M, de Jesús G, Atsumi T, Ji LL, Efthymiou M, Branch DW, Nalli C, Rodriguez-Almaraz E, Petri M, Cervera R, Knight JS, Artim-Esen B, Willis R, Bertolaccini ML, Cohen H, Erkan D, Sciascia S. ANA-positive versus ANA-negative Antiphospholipid Antibody-positive Patients: Results from the Antiphospholipid Syndrome Alliance for Clinical Trials and International Networking (APS ACTION) Clinical Database and Repository (“Registry”). RHEUMATOLOGY. 2025. 2862-2867. DOI:10.1093/rheumatology/keae583. IF: 4,4 Q1 D2	GC05
Ladehesa-Pineda ML, Ruiz-Vilchez D, Barranco AM, Puche-Larrubia MA, Font-Ugalde P, Granados REM, Gratacós-Mastmijà J, Juanola X, Escudero-Contreras A, Collantes-Estévez E, López-Medina C. Association Between Diagnostic Delay and Short-Term Outcomes in Patients with Radiographic Axial Spondyloarthritis: Results from the Regisponser-AS Registry. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14061977. IF: 2,9 Q1 D2	GC05
Serrano-Combarro A, Atienza-Mateo B, Martin-Gutierrez A, Loarce-Martos J, Dubuc CAE, Mena MP, Melero-Gonzalez RB, Lopez MM, Vazquez NM, Carrasco-Cubero C, Garcia CP, Valle AG, Bonilla G, Madrigal JMB, Astigarraga-Urquia U, Revenga NV, Albadalejo LP, Castro RO, Palma-Sanchez D, Ortiz AMF, Viejo PL, Lasanta ML, Bufort MG, Sole IC, Lamua-Riazuelo JR, Abascal IB, Ruiz-Esquide V, Perez ECC, Robles BJF, Martinez-Vidal MP, Morales JM, Urruticoechea-Arana A, Rosas J, Fernandez-Lozano D, Corredor DC, Ferraz-Amaro I, Castaneda S, Blanco R. Baricitinib in rheumatoid arthritis-interstitial lung disease: a literature review and national multicentre study of 72 patients. RHEUMATOLOGY. 2025. 5471-5480. DOI:10.1093/rheumatology/keaf314. IF: 4,4 Q1 D2	GC05
Pignon C, Bibas N, Lopez-Medina C, Fautrel B, Gossec L. Clinical enthesitis in patient with psoriatic arthritis, a systematic literature review with meta-analysis. JOINT BONE SPINE. 2025. -. DOI:10.1016/j.jbspin.2024.105807. IF: 4,3 Q1 D2	GC05
Puche-Larrubia MA, Ladehesa-Pineda L, Font-Ugalde P, Burgos-Vargas R, Sampaio-Barros P, Maldonado-Cocco J, Barcelos A, Gratacós J, Juanola X, Escudero-Contreras A, Vázquez-Mellado J, de la Rosa IA, Collantes-Estévez E, López-Medina C. Clinical Expression of Radiographic Axial Spondyloarthritis and Its Association With HLA-B27 in European and Ibero-American Populations. JOURNAL OF RHEUMATOLOGY. 2025. 450-459. DOI:10.3899/jrheum.2024-1085. IF: 3,4 Q2 D3	GC05
Iglesias-Peón M, Mesa-Jiménez J, Fernández-de-las-Peñas C, Peón CI, Iglesias NG, Villalba MB, Rodrigues-de-Souza DP, Alburquerque-Sendín F. Criterion Validity of the Isometric Contraction Test for Diagnosis of Axis I DC/TMD Considering Specific Muscles. JOURNAL OF ORAL REHABILITATION. 2025. 1990-1999. DOI:10.1111/joor.70011. IF: 4 Q1 D1	GC05
Cobo-Ibáñez T, Castellví I, Pros A, Domínguez-Alvaro M, Nuño-Nuño L, Martínez-Barrio J, Jovaní V, Romero-Bueno F, Ruiz-Lucea E, Tomero E, Trallero-Araguás E, Narváez J, Camins-Fàbregas J, Ruiz-Román A, Loarce-Martos J, Holgado-Pérez S, Flores-Rodríguez VM, Sivera F, Merino-Argumanez C, Juan-Mas A, Altabás-González I, Martín-López M, Belzunegui-Otano JM, Carrasco-Cubero C, Freire-González M, Rua-Figueroa I, Lozano-Rivas N, Suarez-Cuba JD, Martínez O, Ortega-Castro R, Alcocer P, Gómez-Gómez A, Sánchez-Pernaute O, Tandaipan JL, Carrión-Barberà I, Plasencia-Rodríguez C, Ibarguengoitia-Barrena O, Vidal-Montal P, Ortiz-Santamaria V, Garrido-Puñal N, Riveros A, Delgado-Frías E, López-Gómez JM, Barbadillo C, Pego-Reigosa JM, Joven-Ibáñez BE, Valero-Jaimes JA, Naveda E, Turrión-Nieves AI, Seoane-Mato D, Prado-Galbarro FJ, Puche-Larrubia MA. Disease activity in patients with idiopathic inflammatory myopathy according to time since diagnosis and positivity to antisynthetase autoantibodies: data from the Myo-Spain registry. ARTHRITIS RESEARCH & THERAPY. 2025. -. DOI:10.1186/s13075-024-03471-x. IF: 4,6 Q1 D2	GC05
Sawada H, Kishimoto M, Tada K, Deshpande GA, Kobayashi D, Okada M, Benavent D, Plasencia-Rodriguez C, Navarro-Compán V, López-Medina C, Molto A, Dougados M, Tamura N. Disease phenotype and management of axial psoriatic arthritis in Japan compared with other regions, particularly other Asian countries: results of the ASAS-PerSpA study. BMC RHEUMATOLOGY. 2025. -. DOI:10.1186/s41927-025-00580-1. IF: 2,5 Q2 D5	GC05

PUBLICATIONS	IMIBIC GROUP
Kaczmarczyk B, de la Calle-fabregat C, Conde A, Duarte AC, Mena-Vazquez N, Fernandez-Nebro A, Triguero-Martinez A, Castañeda S, Sobrin RDS, Mera-Varela A, Lopez-Pedrerera C, Escudero-Contreras A, Vela-Casasempere P, Molina M, Narvaez J, Retuerto-Guerrero M, Pablos JL, Sarmiento-Monroy JC, Sanmarti R, Gomez-Carrera L, Bonilla G, Remuzgo-Martinez S, Gonzalez-Gay MA, Leiro-Fernandez V, Perez-Gomez N, Vadillo-Font C, Abasolo L, Casafont-Sole I, Mateo-Soria L, Castillo-Gonzalez AC, Marras C, Perez-Pampin E, Ballestar E, Gonzalez A. DNA methylome biomarkers of rheumatoid arthritis-associated interstitial lung disease reflecting lung fibrosis pathways, an exploratory case-control study. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-99755-6. IF: 3,9 Q1 D2	GC05
Novella-Navarro M, van den Rym A, López-Pedrerera C, Martínez-Feito A, Nieto-Carvalho B, Reche K, López-Medina C, Escudero-Contreras A, Nozal P, Miranda-Carús ME, Monjo I, De Miguel E, Balsa A, Pérez-De Diego RPD, Plasencia-Rodríguez C. Do Obesity and Adipose Tissue Cytokines Influence the Response to Janus Kinase Inhibitors in Rheumatoid Arthritis?. NUTRIENTS. 2025. -. DOI:10.3390/nu17050820. IF: 5 Q1 D2	GC05
Capelusnik D, Lopez-Medina C, van der Heijde D, Landewe R, Dougados M, Sieper J, Molto A, Ramiro S. Evaluation of instruments assessing peripheral arthritis in spondyloarthritis: an analysis of the ASAS-PerSpA study. ANNALS OF THE RHEUMATIC DISEASES. 2025. 1324-1334. DOI:10.1016/j.ard.2025.02.011. IF: 20,6 Q1 D1	GC05
Calixto OJ, Baraliakos X, Bautista-Molano W, Boonen A, van Kuijk S, Essers I, López-Medina C, Dougados M, Kiltz U. Evaluation of spondyloarthritis-specific health utility based on ASAS health index (U-ASAS-HI) among the disease subtypes: an ancillary analysis from the ASAS-PerSpA study. RMD OPEN. 2025. -. DOI:10.1136/rmdopen-2025-005981. IF: 4,8 Q1 D2	GC05
de la Rosa IA, Martín-Salazar JE, Cuesta-Lopez L, Lopez-Medina CC, Escudero-Contreras A, Collantes-Estévez E, Barbarroja N, Puche-Larrubia MA. From advanced imaging to molecular insights: the state of the art in omics for axial spondyloarthritis. THERAPEUTIC ADVANCES IN MUSCULOSKELETAL DISEASE. 2025. -. DOI:10.1177/1759720X251398430. IF: 4,1 Q1 D3	GC05
Vela-Casasempere P, Otero-Varela L, Sabater SG, Alameda RC, Fernández CC, Calvo-Gutiérrez J, Pérez-Vera Y, Arija SM, Bustabad S, Ruiz JM, Montesino MDR, Gutiérrez LR, Varela AM, Ramos MJM, Sánchez-Alonso F, Castrejón I. Gender differences in clinical and prescribing characteristics of biologic and targeted synthetic drugs in naïve patients with rheumatoid arthritis: Data from BIOBADASER III registry. ARTHRITIS RESEARCH & THERAPY. 2025. -. DOI:10.1186/s13075-025-03571-2. IF: 4,6 Q1 D2	GC05
Drouet JMS, López-Medina C, Molto A, Granger B, Fautrel B, Gaujoux-Viala C, Kiltz U, Dougados M, Gossec L. Global health in axial spondyloarthritis: thresholds for the Assessment of SpondyloArthritis international Society Health Index and the EuroQol score: analysis of the ASAS-PerSpA study. SCANDINAVIAN JOURNAL OF RHEUMATOLOGY. 2025. 175-183. DOI:10.1080/03009742.2024.2424085. IF: 2,1 Q3 D	GC05
Bottois C, Medina CL, Dumas S, Hubert J, Belo S, Roux C, Conort O, Dougados M. Impact of a clinical pharmacist consultation on enhancing knowledge and safety skills in patients with chronic inflammatory arthritis treated with bDMARDs. CLINICAL AND EXPERIMENTAL RHEUMATOLOGY. 2025. 1218-1226. DOI:10.55563/clinexprheumatol/mhtjub. IF: 3,3 Q2 D3	GC05
Garcia-Salinas R, Perez R, Ruta S, Arguello J, Magri S, López-Medina C. Impact of ACPA and RF titers and their reduction on therapeutic response after one year in rheumatoid arthritis patients. ARP RHEUMATOLOGY. 2025. 206-214. DOI:10.63032/PRHN3564. IF: 1,4 Q3 D	GC05
Corredor DC, Pascual LAC, Collantes-Estévez E, López-Medina C. Inflammatory activity levels on patients with anti-TNF therapy: most important factors and a decision tree model based on REGISPONSER and RESPONDIA registries. THERAPEUTIC ADVANCES IN MUSCULOSKELETAL DISEASE. 2025. -. DOI:10.1177/1759720X251332224. IF: 4,1 Q1 D3	GC05
Cruz-Medel I, Ruiz-Ruiz E, García-Luque L, Alcaraz-Clariana S, Carmona-Pérez MC, Albuquerque-Sendín F, Rodrigues-de-Souza DP. Influence of High-Impact Physical Activity on Pelvic Floor and Lumbar Muscle Mechanical Properties in Asymptomatic Nulliparous Women. INTERNATIONAL UROGYNECOLOGY JOURNAL. 2025. 299-306. DOI:10.1007/s00192-024-05964-4. IF: 1,8 Q2 D5	GC05

PUBLICATIONS	IMIBIC GROUP
García-Luque L, Alcaraz-Clariana S, Rodrigues-de-Souza DP, Carmona-Pérez C, Garrido-Castro JL, Albuquerque-Sendín F. Influence of pain, sequential movement or short-term rest performance on the evaluation results of neck muscle mechanical properties: a case-control study. PHYSIOTHERAPY THEORY AND PRACTICE. 2025. 1602-1611. DOI:10.1080/09593985.2025.2451200. IF: 1,5 Q2 D5	GC05
López-Medina C, Capelusnik D, Webers C, van den Bosch F, Boonen A, Carron P, Molto A, Ramiro S. Measurement properties of disease activity instruments in peripheral spondyloarthritis: a post-hoc analysis of the CRESPA trial. RMD OPEN. 2025. -. DOI:10.1136/rmdopen-2025-005525. IF: 4,7 Q1 D2	GC05
Gossec L, Baraliakos X, Aletaha D, Sharaf M, Rampakakis E, Lavie F, López-Medina C, Selmi C, Coates LC. Multi-domain effectiveness of guselkumab evaluated via composite indices through 1 year in patients with PsA and inadequate response to TNFi: post hoc analysis of COSMOS. RHEUMATOLOGY. 2025. 2565-2574. DOI:10.1093/rheumatology/keae586. IF: 4,4 Q1 D2	GC05
López-Medina C, Otero-Varela L, Sánchez-Alonso F, Jovaní V, Expósito-Pérez L, Melchor-Díaz S, Pérez-Vera Y, Pretel-Ruiz P, Manero J, Mera-Varela A, Mateo L, Ruiz-Montesino D, Lorenzo-Martín JA, Pedraz-Penalva T, Castrejón I. One-year retention rate of ixekizumab in patients with psoriatic arthritis and axial spondyloarthritis: Real-world data from the BIOBADASER registry. REUMATOLOGIA CLINICA. 2025. -. DOI:10.1016/j.reuma.2025.501872. IF: 1,3 Q4 D	GC05
Alle G, Lopez-Medina C, Siebert S, Lavie F, Noel W, Smolen JS, Gossec L. Patient Profiles in Randomized Controlled Trials Versus a Real-World Study in Psoriatic Arthritis: Scoping Review and Metaanalysis. JOURNAL OF RHEUMATOLOGY. 2025. 138-144. DOI:10.3899/jrheum.2024-0653. IF: 3,4 Q2 D3	GC05
Nicolaes J, Tselenti E, Aouad T, López-Medina C, Feydy A, Talbot H, Hoepken B, de Peyrecave N, Dougados M. Performance analysis of a deep-learning algorithm to detect the presence of inflammation in MRI of sacroiliac joints in patients with axial spondyloarthritis. ANNALS OF THE RHEUMATIC DISEASES. 2025. 60-67. DOI:10.1136/ard-2024-225862. IF: 20,6 Q1 D1	GC05
Escudero A, Alperi M, Turrión AI, Lopez R, Yebra T, Cordero G, Diez T, Portero I, Blanco FJ. Precision medicine in rheumatoid arthritis: Evaluation of a new approach to predict clinical response to methotrexate in patients with early rheumatoid arthritis. PLOS ONE. 2025. -. DOI:10.1371/journal.pone.0329440. IF: 2,6 Q2 D4	GC05
Ahmadzadeh Y, Magder LS, de Andrade DCO, Paredes-Ruiz D, Tektonidou MG, Pengo V, Sciascia S, Andreoli L, Signorelli F, Fortin PR, Efthymiou M, Belmont HM, Barilaro G, Clarke AE, Atsumi T, López-Pedrerera C, Knight JS, Branch DW, Willis R, Kello N, Zhang ZL, Almaraz ER, Artim-Esen B, Pardos-Gea J, Pons-Estel G, Pazzola G, Shi H, Duarte-García A, Thaler J, Barber MRW, Skeith L, Radin M, Meroni PL, Roubey R, Bertolaccini ML, Cohen H, Petri M, Erkan D. Predictors of Mortality in Antiphospholipid Antibody-Positive Patients: Prospective Results From Antiphospholipid Syndrome Alliance for Clinical Trials and International Networking Clinical Database and Repository. ARTHRITIS CARE & RESEARCH. 2025. 760-766. DOI:10.1002/acr.25503. IF: 3,3 Q2 D3	GC05
Maldonado-Ficco H, López-Medina C, Perez-Alamino R, Waimann CA, Maldonado-Cocco JA, Moltó A, Dougados M, Landewé RBM, van der Heijde D, van Den Bosch F. Prevalence and incidence of uveitis in patients with spondyloarthritis: the impact of the biologics era. Data from the international ASAS-COMOSPA study. RHEUMATOLOGY. 2025. 2618-2624. DOI:10.1093/rheumatology/keae536. IF: 4,4 Q1 D2	GC05
Radin M, Foddai SG, Schreiber K, Cecchi I, Signorelli F, de Jesus G, Aso K, Kono M, Urban ML, Bacco B, Cassarino SG, Lo Sardo L, Arbrile M, Barinotti A, Garcia IG, Quaglia MI, Tissera Y, Gervasoni F, Aguirre-Zamorano MA, Alba P, Benedetto C, Atsumi T, Amengual O, Emmi G, Andrade D, Marozio L, Roccatello D, Sciascia S. Reasons for Breastfeeding Avoidance: A Multicenter Insight in Mothers With Systemic Lupus Erythematosus. JOURNAL OF HUMAN LACTATION. 2025. 392-400. DOI:10.1177/08903344251338242. IF: 1,8 Q2 D5	GC05

PUBLICATIONS	IMIBIC GROUP
Di Matteo A, Di Donato S, Smerilli G, Becciolini A, Camarda F, Cauli A, Cazenave T, Cipolletta E, Corradini D, de Agustin JJ, Castaniti GMD, Di Donato E, Duran E, Farisogullari B, Fornaro M, Francioso F, Giorgis P, Granados R, Granel A, Hernandez-Diaz C, Horvath R, Hurnakova J, Jesus D, Karadag O, Li L, Li Y, Lommano MG, Marin J, Martire MV, Michelena X, Muntean L, Piga M, Rosemfet M, Rovisco J, Salaffi F, Saraiva L, Scioscia C, Tamas MM, Tanimura S, Venetsanopoulou A, Rios LV, Villota O, Villota-Eraso C, Voulgari PV, Vukatana G, Hereter JZ, Grassi W, Filippucci E. Relationship Between Ultrasound and Physical Examination in the Assessment of Enthesitis in Patients With Spondyloarthritis: Results From the DEUS Multicenter Study. ARTHRITIS & RHEUMATOLOGY. 2025. 22-33. DOI:10.1002/art.42971. IF: 10,9 Q1 D1	GC05
Puche-Larrubia MA, Ladehesa-Pineda L, Abalos-Aguilera MC, Ruiz-Vilchez D, Berbel-Arcobe L, Juanola-Roura X, Arevalo-Salaet M, Moreno M, Almodóvar-González R, Pijoan-Moratalla C, Joven-Ibáñez B, Valero-Expósito M, Garcia-Garcia V, Moreno-Ramos M, Ornilla E, Granados REM, Moldovan DMM, Collantes-Sánchez CM, Escudero-Contreras A, Collantes-Estevez E, López-Medina C. Seventeen-year reassessment of diagnostic transitions, biologic therapy initiation and mortality in spondyloarthritis: results from the REGISPON-3 study. RMD OPEN. 2025. -. DOI:10.1136/rmdopen-2025-006031. IF: 4,8 Q1 D2	GC05
Ramiro S, Poddubnyy D, Mease PJ, López-Medina C, Kim M, Massow U, Taieb V, Kragstrup TW, McGonagle D. Sustained resolution of enthesitis and peripheral arthritis over 104 weeks with bimekizumab in axial spondyloarthritis. RMD OPEN. 2025. -. DOI:10.1136/rmdopen-2025-005969. IF: 4,8 Q1 D2	GC05
Erton ZB, Leaf RK, de Andrade D, Clarke A, Tektonidou MG, Pengo V, Sciascia S, Pardos-Gea J, Kello N, Paredes-Ruiz D, Lopez-Pedrerera C, Belmont HM, Fortin PR, de Jesus GR, Atsumi T, Zhang ZL, Efthymiou M, Branch DW, Pazzola G, Andreoli L, Duarte-García A, Rodriguez-Almaraz E, Petri M, Cervera R, Artim-Esen B, Quintana R, Shi H, Zuo Y, Willis R, Barber MRW, Skeith L, Radin M, Meroni P, Bertolaccini ML, Cohen H, Roubey R, Erkan D. Thrombocytopenia and autoimmune hemolytic anemia in antiphospholipid antibody-positive patients: Descriptive analysis of the AntiPhospholipid syndrome alliance for clinical trials and InternatiOnal networking (APS ACTION) clinical database and repository (“Registry”). LUPUS. 2025. 617-625. DOI:10.1177/09612033251332258. IF: 1,9 Q3 D	GC05
Lopez-Pedrerera C, Pérez-Sánchez C, Tektonidou MG. Towards precision medicine in antiphospholipid syndrome. LANCET RHEUMATOLOGY. 2025. e576-e589. DOI:10.1016/S2665-9913(25)00094-3. IF: 16,4 Q1 D1	GC05
López-Medina C, Gorlier C, Orbai AM, Coates LC, Kiltz U, Leung YY, Palominos P, Cañete JD, Scrivo R, Balanescu A, Dernis E, Meisalu S, Ruysse-Witrand A, Soubrier M, Aydin SZ, Eder L, Gaydukova I, Lubrano E, Kalyoncu U, Richette P, Husni ME, Smolen JS, de Wit M, Gossec L. Variability of Psoriatic Arthritis Impact of Disease questionnaire (PsAID12) thresholds in psoriatic arthritis: data from the ReFlaP study. RHEUMATOLOGY. 2025. 3090-3094. DOI:10.1093/rheumatology/keaf002. IF: 4,4 Q1 D2	GC05
Dans-Caballero S, Juan-Cencerrado M, Mochón-Jiménez C, Roldán-Molina R, Pérez-Guijo VC. Juvenile Dermatomyositis Triggered by Influenza B: A Case Report on Viral-Induced Autoimmunity. PEDIATRIC DERMATOLOGY. 2025. 1255-1258. DOI:10.1111/pde.15975. IF: 1,2 Q3 D	GC05
Cuesta-López L, Arias-de la Rosa I, Martín-Salazar JE, Barranco AM, Ladehesa-Pineda L, Ruiz-Ponce M, Larrubia MAP, Pérez-Sánchez C, Seguí P, Ortega R, Calvo J, Abalos-Aguilera MC, Ruiz-Vilchez D, Moreno-Caño E, Ortiz-Buitrago P, Lopez-Pedrerera C, Escudero-Contreras A, Collantes E, López-Medina C, Barbarroja N. Molecular insights into the relationship between sustained CRP elevation and endothelial dysfunction in axial spondyloarthritis. RMD OPEN. 2025. -. DOI:10.1136/rmdopen-2025-005746. IF: 4,7 Q1 D2	GC05
Sanz-Sanz J, Gutiérrez-Casbas A, Plaza Z, Gratacós J, Rodríguez-Lago I, Marín-Jiménez I, Trujillo-Martín E, Perez-Pampín E, Barreiro-de Acosta M, Hernández-Hernández MV, Carrillo-Palau M, García-Vivar ML, Muñoz-Villafranca MC, Ladehesa-Pineda ML, Iglesias-Flores E, Merino-Argumánez C, González-Lama Y, Arévalo-Salaet M, Calvet X, Díaz-Gonzalez F. Prevalence of Undiagnosed Inflammatory Bowel Disease in Spondyloarthritis Patients. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14134569. IF: 2,9 Q1 D2	GC05

PUBLICATIONS	IMIBIC GROUP
Cuesta-López L, Arias-de la Rosa I, Ladehesa-Pineda ML, Puche-Larrubia MA, Martín-Salazar JE, Barranco AM, Ruiz-Ponce M, Pérez-Sánchez C, Abalos-Aguilera MC, Ruiz-Vilchez D, Ortiz-Buitrago P, Moreno-Caño E, López-Pedrerera C, Escudero-Contreras A, Collantes-Estévez E, López-Medina C, Barbarroja N. Clinical and molecular links between chronic systemic inflammation and structural damage in axial spondyloarthritis. ARTHRITIS RESEARCH & THERAPY. 2025. -. DOI:10.1186/s13075-025-03699-1. IF: 4,6 Q1 D2	GC05
Dans-Caballero S, Ortega-Castro R, López-Pedrerera C, Escudero-Contreras A, Vellón-García B, Pérez-Sánchez C, López-Medina C. Systemic sclerosis: bridging clinical and molecular insights: results from the PRECISESADS study. JOURNAL OF TRANSLATIONAL MEDICINE. 2025. -. DOI:10.1186/s12967-025-07469-0. IF: 5,7 Q1 D2	GC05
Moldovan DMM, Aranda-Valera IC, Ladehesa-Pineda L, Abalos-Aguilera MC, Puche-Larrubia MA, Escudero-Contreras A, González-Navas C, Garrido-Castro JL, Fodor D, Collantes-Estévez E, López-Medina C. The association of cervical and lumbar mobility with functional ability in axial spondyloarthritis: Insights from the CASTRO registry using Inertial Measurement Unit system. SEMINARS IN ARTHRITIS AND RHEUMATISM. 2025. -. DOI:10.1016/j.semarthrit.2025.152703. IF: 4,4 Q1 D2	GC05
Sánchez-León AM, Ladehesa-Pineda ML, Puche-Larrubia MA, Abalos-Aguilera MC, Ruiz-Vilchez D, Escudero-Contreras A, Collantes-Estévez E, Collantes-Sánchez CM, López-Medina C. Uveitis in Longstanding Axial Spondyloarthritis and Its Association with Biologic Therapy Initiation: Data from the REGISPON-3 Cohort. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14197128. IF: 2,9 Q1 D2	GC05
Salmoral A, Peris P, Medina CL, Flórez H, Barceló M, Pastor MP, Ros I, Grados D, Aguado P, García S, López L, Gifre L, Cerdá D, Aguilar FJ, Panero B, Costa E, Casado E, Hernández B, Ferrer AM, Graña J, Gómez I, Guañabens N, Spanish Soc Rheumatology. Bisphosphonate drug holidays in osteoporosis according to fracture risk profile. OSTEOPOROSIS INTERNATIONAL. 2025. 245-254. DOI:10.1007/s00198-024-07309-9. IF: 5,4 Q1 D2	GC05
Camacho-Sanchez MR, Calzado-Alvarez I, Minarro JC, Dussan-Arango DM, López-Medina C, Izquierdo-Fernandez A. Arthroscopic Repair Versus Conservative Treatment in Degenerative Cuff Tears: Midterm Results. LIFE-BASEL. 2025. -. DOI:10.3390/life15081254. IF: 3,4 Q1 D3	GC05
Calzado-Alvarez I, Camacho-Sanchez MR, Carpintero-Lluch R, Muñoz-Luna F, Lopez-Medina C, Minarro JC, Izquierdo-Fernandez A. Comparison of Ligament Z-Plasty and Conventional Surgery for the Treatment of Carpal Tunnel Syndrome: A Randomized Clinical Trial. PLASTIC AND RECONSTRUCTIVE SURGERY. 2025. 514-521. DOI:10.1097/PRS.00000000000011677. IF: 3,4 Q1 D2	GC05
Segura-Ruiz R, Ruiz-Cañete M, Muñoz-Alonso A, Rivas-Cruces C, Serrano-Lázaro P, Armenteros-Ortiz PJ, Hidalgo-Lopezosa P, Lamberti N, Manfredini F, López-Soto PJ. Effectiveness of a home-based physical exercise intervention in patients with fragility fractures on functional independence and hospital readmissions: a protocol for a randomised controlled trial. BMJ OPEN. 2025. -. DOI:10.1136/bmjopen-2025-101342. IF: 2,3 Q2 D3	GC05
Adrián SG, Pérez CI, Carmona-Bayonas A, Morán LO, Pérez JR, del Prado PM, de Castro EM, Neria F, Perez IF, de Herreros MG, Campos MC, Escobar IG, Balanyá RP, González DM, Fonseca PJ, García MEG, Cánovas MS, Langa JM, Segura PP, Vidal MJM, Martín AJM. Cancer-related thrombosis: impact of biological sex on the risk of rethrombosis and bleeding. HAEMATOLOGICA. 2025. 1513-1522. DOI:10.3324/haematol.2024.286152. IF: 7,9 Q1 D2	GC06
Martin-Liberal J, Márquez-Rodas I, Cerezuela-Fuentes P, Soria A, Garicano F, Medina J, Galindo RG, Oramas J, Manzano JL, Delgado M, Valdivia J, Sanchez P. Challenges and perspectives in the management of BRAF-mutated metastatic melanoma: Systemic treatment sequencing and brain metastases. CANCER TREATMENT REVIEWS. 2025. -. DOI:10.1016/j.ctrv.2025.102886. IF: 10,5 Q1 D1	GC06
Illana FJ, Fernández-Galán E, Muñoz-Bravo JL, Amado LV, Martín CG, González-Fernández C, Miró-Cañís S, Trapé J, Martínez-Peinado A, Filella X, González A, Sánchez AB, Díaz-Lagares A. Circulating tumor DNA in patients with cancer: insights from clinical laboratory. ADVANCES IN LABORATORY MEDICINE-AVANCES EN MEDICINA DE LABORATORIO. 2025. 259-276. DOI:10.1515/almed-2025-0010. IF: 0,9 Q4 D	GC06

PUBLICATIONS	IMIBIC GROUP
Peláez I, Lázaro-Quintela M, Pérez-Fentes D, Esteban-González E, Gallardo E, Alvarez-Fernández C, Rodríguez PA, Anido-Herranz U, Raposeiras CA, Castro-Iglesias AM, Calvo OF, Núñez NF, Folgar-Torres A, Lorenzo CG, González-del-Alba A, Méndez-Vidal MJ, Díaz AM, Gómez IRR, Vázquez-Estévez S. Clinical advances and practice updates in genitourinary cancers: a 2024 review from the multidisciplinary Spanish ‘Cambados annual meeting’. CLINICAL & TRANSLATIONAL ONCOLOGY. 2025. 3307-3324. DOI:10.1007/s12094-025-03850-z. IF: 2,5 Q3 D	GC06
Martelli V, Vidal J, Gibert J, Fernández-Rodríguez MC, Linares J, Garcia-Alfonso P, Páez D, Alonso V, Gomez-España MA, Guix M, Santos C, Duran G, Élez E, Garcia-Carbonero R, Ferreiro R, Pineda E, Sastre J, Cano MT, Manzano JL, Losa F, Aranda E, Rivera F, Sibilio A, Toledo R, Taberner J, Salazar R, Bellosillo B, Montagut C. Clinical validation of liquid biopsy-RECIST (LB-RECIST) in metastatic colorectal cancer (mCRC) patients: findings from the PLATFORM-B study. ESMO OPEN. 2025. -. DOI:10.1016/j.esmoop.2025.105760. IF: 8,3 Q1 D2	GC06
Peled N, Tufman A, Sequist LV, Pasello G, Wang Q, Antonuzzo L, Larriba JG, Valdivieso SM, Dols MC, Milella M, Dudnik J, Martín-Martorell P, Aranda IB, Huang D, Palicio NV, Scimone A, Bria E, Servidio L, Pimentel R, Ganiyu AA, Zhao J. COMPEL: osimertinib plus platinum-based chemotherapy in patients with EGFR-mutated advanced NSCLC and progression on first-line osimertinib. ESMO OPEN. 2025. -. DOI:10.1016/j.esmoop.2025.105807. IF: 8,3 Q1 D2	GC06
Suárez C, Torras OR, Barrera RM, Sánchez AR, Palacios GA, Manshino AMB, Núñez NF, Vidal MJM, Carbonero IG, Calvo OF, Sarrió RG, Herrero GC, Afonso JA, Fita MJJ, Padró JG, Quintela ML, Rodriguez-Vida A, Perez CH, Colmenero AM, Martin RC, de España CG, Palau CM, Ortega EM, Gallardo E. Effectiveness and Safety of Cabozantinib Treatment in Patients with Advanced Renal Cell Carcinoma in Spanish and Portuguese Real-world Practice: The SOGUG-SPRWEC Study. CLINICAL GENITOURINARY CANCER. 2025. -. DOI:10.1016/j.clgc.2025.102402. IF: 2,7 Q2 D3	GC06
Vinuela-Beneitez MC, Pérez CI, Morán LO, Escobar IG, Lavín DC, Balanyà RPI, Adrián SG, Campos MC, López GB, Crespo JAS, de Mena ML, Altozano JP, Díaz EG, Peces JT, Rivas PO, Morales MJO, Rubio VEC, Pedroche CD, Sueiro MR, Gonçalves F, Sánchez-Cánovas M, Ruiz MA, Muñoz-Langa J, Segura PP, de Castro EM, Carmona-Bayonas A, Jiménez-Fonseca P, Martín AJM. External validation of a prediction model for bleeding events in anticoagulated cancer patients with venous thromboembolism (PredictAI). CLINICAL & TRANSLATIONAL ONCOLOGY. 2025. 4031-4039. DOI:10.1007/s12094-025-03890-5. IF: 2,5 Q3 D	GC06
Rojo F, Taylor CR, Barrios C, Torrecillas L, Ruiz-Borrego M, Perez-Buira S, Bines J, Guerrero-Zotano A, Garcia-Saenz JA, Torres R, de la Haba-rodriguez J, Ayala F, Gomez H, Llombart A, de la Borbolla MR, Baena-Cañada JM, Barnadas A, Calvo L, Herranz J, Rincon R, Caballero R, Bermejo B, Ray PS, Martin M. FOXC1 Expression Predicts Capecitabine Efficacy in Patients with Triple-Negative Breast Cancer from the GEICAM_CIBOMA Trial. CLINICAL CANCER RESEARCH. 2025. 3715-3724. DOI:10.1158/1078-0432.CCR-25-0338. IF: 10,2 Q1 D1	GC06
Vidal N, Climent MA, Pérez S, Méndez-Vidal MJ, Anguera G, Salas IM, Gallardo E, Cuéllar-Rivas MA, Molina-Cerrillo J, Martín A, Rodriguez-Vida A, Almagro Casado E, Gonzalez M, Domènech M, Kareaga MM, Calvo OF, Guzmán JCV, Estévez SV, González-del-Alba A, Puente J. Impact of COVID-19 infection on genitourinary cancer management. SOGUG-COVID-19: A spanish, multicenter, observational study. CLINICAL & TRANSLATIONAL ONCOLOGY. 2025. 2220-2231. DOI:10.1007/s12094-024-03744-6. IF: 2,5 Q3 D	GC06
Lema L, Pérez-García JM, Blanch S, Balmaña J, García-Sáenz JA, Vegas EF, Jiménez B, de la Haba J, Campolier M, Shimizu E, Alcalá-López D, Sampayo-Cordero M, Cortés J, Llombart-Cussac A. Niraparib Plus Aromatase Inhibitors for Hormone Receptor-Positive/HER2-Negative Advanced Breast Cancer with a Germline BRCA Mutation. CANCERS. 2025. -. DOI:10.3390/cancers17111744. IF: 4,4 Q2 D3	GC06
del Olmo-García M, Hernandez-Rienda L, Garcia-Carbonero R, Hernando J, Custodio A, Anton-Pascual B, Gomez M, Milla SP, Suarez L, Bellver M, Alonso V, Serrano R, Valdés N, Melian M, Febrero B, Sampedro-Núñez MA, Biarnes J, Díaz-Pérez JA, Molina-Cerrillo J, Lopez C, Olmos MAM, Merino-Torres JF, Capdevila J, Pla MA, NUTRIGETNE Grp. Nutritional status and quality of life of patients with advanced gastroenteropancreatic neuroendocrine neoplasms in Spain: the NUTRIGETNE (GETNE-S2109) study. ONCOLOGIST. 2025. -. DOI:10.1093/oncolo/oyae343. IF: 4,2 Q2 D3	GC06

PUBLICATIONS	IMIBIC GROUP
Soler G, Grávalos C, Rivera F, Safont MJ, Virgili AC, Valladares-Ayerbes M, Ferreiro-Monteagudo R, Ortiz-Morales MJ, Polo-Marques E, Kornusova-Bersheva I, Soustre E, Yao WY, Élez E. Predictive factors of efficacy for FTD/TPI plus bevacizumab in refractory metastatic colorectal cancer patients: a subanalysis of the Spanish cohort from the SUNLIGHT phase III trial. CLINICAL & TRANSLATIONAL ONCOLOGY. 2025. 4203-4213. DOI:10.1007/s12094-025-03907-z. IF: 2,5 Q3 D	GC06
Navarro P, Beato C, Rodriguez-Moreno JF, Ruiz-Llorente S, Mielgo X, Pineda E, Navarro M, Bruixola G, Grazioso TP, Viudez A, Fuster J, Nogueron E, Mediano MD, Balaña C, Mendez C, Rodriguez RM, Berron SD, Gongora B, Carmona-Bayonas A, Garcia-Donas J. Prospective study of the real impact of fusion centered genomic assays in patient management in a national collaborative group: the GETHI-XX-16 study. CLINICAL & TRANSLATIONAL ONCOLOGY. 2025. 2719-2730. DOI:10.1007/s12094-024-03745-5. IF: 2,5 Q3 D	GC06
Soria A, Mauriño PS, Domingo JJS, Galindo RG, Sequero S, Sanz LG, Crespo G, Díaz-Beveridge R, Puértolas T, López P, Rodríguez JF, Castro RL, Aguayo C, Valdivia J, Cunquero-Tomás AJ, Benítez G, de Miguel PA, Espinosa E, Muñoz-Couselo E, Campos B, Sánchez LG, Cerezuela-Fuentes P. Real-life evidence of encorafenib plus binimetinib in patients with unresectable advanced or metastatic BRAFV600-mutant melanoma in Spain: the BECARE (GEM-2002) trial. FRONTIERS IN ONCOLOGY. 2025. -. DOI:10.3389/fonc.2025.1466185. IF: 3,3 Q2 D4	GC06
Puente J, Pinto A, Mendez-Vidal MJ, del Muro XG, Maroto P, Vazquez S, Luque-Caro R, Anido U, Strunz-McKendry T, Upadhyay A, Montes J, Nuñez AO, Portela JG, Castellano D. Real-world treatment patterns, survival outcomes, and health care resource utilization for locally advanced or metastatic urothelial carcinoma in Spain. CLINICAL & TRANSLATIONAL ONCOLOGY. 2025. 2232-2240. DOI:10.1007/s12094-024-03734-8. IF: 2,5 Q3 D	GC06
Macarulla T, Adeva J, Osuna MTC, Casado AR, Gordo AMJ, Lamarca A, Muñoz AML, Cid RAP, Sauri T, Plazas JG. SEOM-GEMCAD-TTD clinical guidelines for biliary tract cancer (2025). CLINICAL & TRANSLATIONAL ONCOLOGY. 2025. 3293-3306. DOI:10.1007/s12094-025-03916-y. IF: 2,5 Q3 D	GC06
Secord AA, Lewin SN, Murphy CG, Cecere SC, Barquín A, Gálvez-Montosa F, Mathews CA, Konecny GE, Ray-Coquard I, Oakni A, Pérez MJR, Bonaventura A, Diver EJ, Ayuk SM, Wang Y, Corr BR, Salutari V. The efficacy and safety of mirvetuximab soravtansine in FRα-positive, third-line and later, recurrent platinum-sensitive ovarian cancer: the single-arm phase II PICCOLO trial. ANNALS OF ONCOLOGY. 2025. 321-330. DOI:10.1016/j.annonc.2024.11.011. IF: 65,4 Q1 D1	GC06
González-del-Alba A, Ballesteros CM, Arranz JA, Gallardo E, Sarrió RG, Campos FL, Muñoz-Rodríguez J, Méndez-Vidal MJ, de Iturriaga AG. Therapeutic Alliances for Optimizing the Management of Patients with Prostate Cancer: SOGUG Multidisciplinary Expert Panel Recommendations. CANCERS. 2025. -. DOI:10.3390/cancers17193208. IF: 4,4 Q2 D3	GC06
Marhold M, Batista MV, Blancas I, Morales C, Saura-Manich C, Saavedra C, Ruíz-Borrego M, Cortez P, Slebe F, Campolier M, Santos JC, Guerrero-Martínez JA, Jiménez-Cortegana C, Rottenmanner B, Forstner H, Bartsch R, Preusser M. TUXEDO-4: phase II study of trastuzumab-deruxtecan in HER2-low breast cancer with new or progressing brain metastases. FUTURE ONCOLOGY. 2025. 1065-1073. DOI:10.1080/14796694.2025.2470604. IF: 2,6 Q3 D	GC06
Toledano-Fonseca M, Brozos-Vázquez E, García-Ortiz MV, Costa-Fraga N, Díaz-Lagares A, Rodríguez-Ariza A, López-López R, Aranda E. Unveilling the potential of liquid biopsy in pancreatic cancer for molecular diagnosis and treatment guidance. CRITICAL REVIEWS IN ONCOLOGY HEMATOLOGY. 2025. -. DOI:10.1016/j.critrevonc.2025.104807. IF: 5,6 Q1 D2	GC06
Navarrete-Sirvent C, Mantrana A, Rivas-Crespo A, Díaz-Chacón A, Herrera-Casanova NM, Sánchez-Montero MT, Toledano-Fonseca M, Garcia-Ortiz MV, Ortiz-Morales MJ, Pulido G, Cano MT, Gómez-España A, González-Fernández R, Bourhis LL, Guil-Luna S, Rodriguez-Ariza A, Aranda E. Imbalanced NK cell subpopulations and TIGIT expression limit cetuximab efficacy in colorectal cancer: A promising target for treatment enhancement. CLINICAL AND TRANSLATIONAL MEDICINE. 2025. -. DOI:10.1002/ctm2.70351. IF: 6,8 Q1 D2	GC06
Mantrana A, Sánchez-Montero MT, Navarrete-Sirvent C, Herrera-Casanova N, Mena-Osuna R, Rivas-Crespo A, Díaz-Chacon A, Avila-Oca V, Toledano-Fonesca M, García-Ortiz MV, González-Fernández R, Gomez-España MA, Villar C, Medina-Fernández FJ, Aranda E, Guil-Luna S, Rodríguez-Ariza A. Glycolysis Inhibition Restores Immune Sensitivity in GSNOR-Deficient Colorectal Cancer. LABORATORY INVESTIGATION. 2025. -. DOI:10.1016/j.labinv.2025.104250. IF: 4,2 Q1 D2	GC06

PUBLICATIONS	IMIBIC GROUP
Gómez-Aguilera M, Manzanares-Martín B, Cebrián-Aranda A, Rodríguez-Ariza A, González-Fernández R, del Puerto-Nevado L, García-Foncillas J, Aranda E. Immune Modulation Through KIR-HLA Interactions Influences Cetuximab Efficacy in Colorectal Cancer. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26168062. IF: 4,9 Q1 D3	GC06
García-Torres F, García-Carmona M, Gómez-Solis A, Jurado-González F, Jablonski M, Jaén-Moreno MJ, Aranda E. Anxiety, depression, quality of life and the mediating role of psychological flexibility: A study on Spanish cancer patients. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-06942-6. IF: 3,9 Q1 D2	GC06
Fernández-Díaz N, Mateos-González M, Pertejo-Fernández A, Cacho-Lavín JD, Juan-Fita MJ, Chirivella-González I, Arruti-Ibarbia M, Fernández-Calvo O, Fernández-Núñez N, Méndez-Vidal MJ, Lázaro-Quintela M, Molina-Díaz A, Del Pozo-Alonso N, Etxaniz-Ulazia O, García-Acuña SM, Betancor YZ, Azueta-Etxebarria A, Calatrava-Fons A, Lombardía-Rodríguez H, Alarcon-Molero L, Etxegarai-Ganboa L, Anton-Cameselle A, Bello-Giz JA, Neira-De Paz CM, Cabaleiro T, González-Serrano T, Ortiz-Rey JA, Sacristán-Lista F, García-Rubín S, Ortega E, Carrato-Moñino C, Aguín-Losada S, Leon-Mateos L, García-González J, Pinto-Marín A, Duran I, Lopez-Lopez R, Anido-Herranz U, Ruiz-Bañobre J. Real-world evidence of nivolumab monotherapy in advanced renal cell carcinoma from a multicenter retrospective cohort study by the Spanish Genitourinary Oncology Group. BMC CANCER. 2025. -. DOI:10.1186/s12885-025-15264-9. IF: 3,4 Q2 D4	GC06
Valladares-Ayerbes M, Toledano-Fonseca M, Graña B, Jimenez-Fonseca P, Pulido-Cortijo G, Gil S, Sastre J, Salud A, Rivera F, Salgado M, García-Alfonso P, López RL, Guillén-Ponce C, Rodríguez-Ariza A, Vieitez JM, Díaz-Rubio E, Aranda E, Spanish Cooperat Grp Treatment Digest Tumours TTD. Associations of blood RNA biomarkers and circulating tumour cells in patients with previously untreated metastatic colorectal cancer. BMC CANCER. 2025. -. DOI:10.1186/s12885-025-14098-9. IF: 3,4 Q2 D4	GC06
García-Alfonso P, Jimenez-Fonseca P, Soto-Alsar J, Baraibar I, Santos C, La Casta A, Ghanem I, Cortijo G, Méndez A, Pazo-Cid R, Vera R, Melián M, Alcaide J, Graña B, Páez D, Gallego I, Lobo M, Borregón M, Montes A, de Castro E, Carmona-Bayonas A, Aranda E. Three-year survival follow-up of patients with gastrointestinal cancer treated during the COVID-19 pandemic in Spain: data from the PANDORA-TTD20 study. ONCOLOGIST. 2025. -. DOI:10.1093/oncolo/oyae300. IF: 4,2 Q2 D3	GC06
Peña-Enríquez R, Bermejo B, Pollán M, Díaz-Chacón A, Gilarranz YJ, Lorenzo JJP, Aramburo AF, de Ibargüen BCS, Bertrán AS, Galve-Calvo E, Jiménez-Arranz A, Fernández Y, Pérez ME, de la Cruz S, Anton-Torres A, Moreno F, Vidal-Losada MJ, López-Ceballos MH, Blancas I, Echarri MJ, Rincón R, Caballero R, Guerrero-Zotano A, Guil-Luna S, de la Haba-Rodríguez J. Molecular characterization of pregnancy-associated breast cancer and insights on timing from GEICAM-EMBARCAM study. NPJ BREAST CANCER. 2025. -. DOI:10.1038/s41523-025-00718-x. IF: 7,6 Q1 D2	GC06
Vega-Rojas A, Haro C, Molina-Abril H, Guil-Luna S, Santos-Marcos JA, Gutierrez-Mariscal FM, Garcia-Fernandez H, Caballero-Villarraso J, Rodriguez-Ariza A, Lopez-Miranda J, Perez-Martinez P, Hervás A, Camargo A. Gut Microbiota Interacts with Dietary Habits in Screenings for Early Detection of Colorectal Cancer. NUTRIENTS. 2025. -. DOI:10.3390/nu17010084. IF: 5 Q1 D2	GC06
Garrido DT, Moreno MVG, Rodelo-Haad C, Puertas PIC, Cabrera SS, González MDA. Peritoneal scintigraphy and spect/tc in the diagnosis of leaks in patients on peritoneal dialysis. REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR. 2025. -. DOI:10.1016/j.remnm.2024.500067. IF: 1 Q4 D	GC07
Ruiz-Arabi E, Castón JJ, Páez-Vega A, Fernández-Moreno R, Giovagnorio F, Gutiérrez-Gutiérrez B, Cano A, Rodríguez-Benot A, Vaquero-Barrios JM, Machuca I, Vidal E, Cantisán S, Torre-Cisneros J. Quantifying Gamma-Interferon from CMV-Specific CD8+T Cells Defines Protection Against Clinically Significant CMV Infection in Solid Organ Transplant Recipients: The Quanti-CMV Score. MICROORGANISMS. 2025. -. DOI:10.3390/microorganisms13030589. IF: 4,2 Q2 D3	GC07
Santamaria R, Escobar C, Aranda U, Palacios B, Capel M, Hernández I, Cebrián A, Alcázar R, Gorostidi M. Cardiovascular and renal outcomes according to KDIGO stages of chronic kidney disease in the Spanish population: Insights from real-world evidence. NEFROLOGIA. 2025. -. DOI:10.1016/j.nefro.2025.501340. IF: 2,6 Q2 D4	GC07

PUBLICATIONS	IMIBIC GROUP
Montero N, Oliveras L, Martínez-Castelao A, Gorriz JL, Soler MJ, Fernández-Fernández B, Quero M, García-Carro C, García-Sancho P, Goicechea M, Martínez JJG, Molina P, Puchades MJ, Rodríguez-Espinosa D, Sablón N, Santamaría R, Navarro-González JF. Clinical Practice Guideline for detection and management of diabetic kidney disease: A consensus report by the Spanish Society of Nephrology. NEFROLOGIA. 2025. 1-26. DOI:10.1016/j.nefro.2024.11.002. IF: 2,6 Q2 D4	GC07
Guerrero F, Moscoso FG, Silvestre-Albero J, Martin-Malo A, Carrillo-Carrión C. Fluorinated Zirconium-Based Metal-Organic Frameworks as Novel Sorbents to Improve the Efficacy of Hemodialysis Treatment. SMALL SCIENCE. 2025. -. DOI:10.1002/smssc.202500054. IF: 8,3 Q1 D2	GC07
Perez-Sáez MJ, Melilli E, Arias M, Franco A, Martinez R, Sancho A, Molina M, Facundo C, Polanco N, López V, Mazuecos A, Cabello S, García MEG, Suárez ML, Auyanet I, Espi J, Falcón TG, Ruiz JC, Galeano C, Artamendi M, Rodríguez-Ferrero ML, Portolés JM, Santana MA, Martín-Moreno PL, Arhda N, Calvo M, Mendiluce A, Macía M, Pérez-Tamajón ML, de Teresa J, Gascó B, Soriano S, Tabernero G, de la Vara L, Ramos AM, Martínez R, de Espinosa EM, Zalve JL, Pascual J, Rodriguez-Mañas L, Gutiérrez-Dalmau A, Moreso F. Frailty Prevalence and Characterization Among Kidney Transplant Candidates in Spain: A Multicenter Study. TRANSPLANT INTERNATIONAL. 2025. -. DOI:10.3389/ti.2025.14098. IF: 3 Q1 D2	GC07
Macía M, Fernández-Juárez G, Avila AI, Espino M, Espinosa M, Fulladosa X, García-Carro C, Goicoechea M, Morales E, Quintana LF, Rojas-Rivera JE, Praga M. GLANCE survey: Awareness and implementation of the GLOSEN recommendations for the diagnosis and treatment of lupus nephritis. NEFROLOGIA. 2025. -. DOI:10.1016/j.nefro.2025.501354. IF: 2,6 Q2 D4	GC07
Rojas-Rivera JE, Caravaca-Fontán F, van de Logt AE, Sevillano A, Shabaka A, Avila A, Rabasco C, Cabello V, Ortiz A, Quintana LF, Goicoechea M, Diaz M, Ronco P, Wetzels J, Fernández-Juárez G, Praga M. Identification of early predictors of clinical remission in primary membranous nephropathy: a post hoc analysis of the STARMEN trial. CLINICAL KIDNEY JOURNAL. 2025. -. DOI:10.1093/ckj/sfaf256. IF: 4,6 Q1 D2	GC07
Brotons C, Moral I, Abajo JMG, Mendivelso JC, Rico OC, Díaz A, Elosua R, Pardo DE, Guerrero MMF, Fondado MG, Gorostidi M, Canino MMG, Grau M, Herraiz CG, Lahoz C, Martínez ELC, Rivas NMO, Ortega E, Pallarés-Carratalá V, Rodilla E, Royo-Bordonada MA, Febres LMS, Olmo RS, Torres-Fonseca MM, Velescu A, Zamora A, Armario P. Practices of low value or unnecessary practices in vascular prevention Document of the Spanish Interdisciplinary Committee for Vascular Prevention. HIPERTENSION Y RIESGO VASCULAR. 2025. 129-146. DOI:10.1016/j.hipert.2025.01.002; 10.1016/j.hipert.2025.01.002. IF: 1,3 Q3 D	GC07
Fontao SM, Manso P, Audije-Gil J, Gascueña DH, Dapena F, Aresté N, Sánchez-Alvarez E, Molina P, Ojeda R, Goicoechea M, Simó VE, Bezhold GA, Prieto-Velasco M, Lloret MJ, Santos AB, Buades JM, Narváez C, Sánchez-Villanueva R, Pérez-Morales RE, Jiménez MDA, Fdn Renal Espanola Working Grp, Prurito Working Grp. Quality of life and clinical data in hemodialysis patients with different degrees of pruritus. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-024-83833-2. IF: 3,9 Q1 D2	GC07
Quiroga B, Mahíllo B, Mazuecos A, Ortiz A, Farnés JC, Marrero DH, Alemán ST, de Pablos MCS, Arévalo OLR, Vidas MM, Slon-Roblero MF, Larrañaga MA, Eguren IM, Muñoz MDV, Cambior MR, Alia IM, Caamaño MEB, Galán MAB, Lorenzo JD, López HG, Monzon FEA, Marques GG, Rodríguez-Benot A, Domínguez-Gil B, Alvarez ES. Spanish Registry of Renal Patients: 2022 Report and evolutive analysis. NEFROLOGIA. 2025. 312-328. DOI:10.1016/j.nefro.2024.11.003. IF: 2,6 Q2 D4	GC07
Obrero T, de Mier MVPR, Gordillo-Arnaud JE, Moral MJJ, Vidal V, Guerrero F, Carmona A, Rodríguez-Ortiz ME, Torralbo AI, Ojeda R, Moyano C, Sanchez-Ramade M, Mesa J, López-Ruiz DJ, Valdés-Díaz K, García-Sáez RM, Jurado-Montoya D, Rodelo-Haad C, Alvarez-Benito M, Glorieux G, Rodríguez M, Soriano-Cabrera S, Muñoz-Castañeda JR. Probiotic Supplementation in Chronic Kidney Disease: Outcomes on Uremic Toxins, Inflammation, and Vascular Calcification from Experimental and Clinical Models. TOXINS. 2025. -. DOI:10.3390/toxins18010006. IF: 4 Q1 D3	GC07
Moyano-Peregrin C, Rodelo-Haad C, Martín-Malo A, Muñoz-Castañeda JR, Ojeda R, Lopez-Lopez I, Rodríguez M, de Mier MVPR, Santamaría R, Soriano S. Upper normal serum magnesium is associated with a reduction in incident death from fatal heart failure, coronary heart disease and stroke in non-dialysis patients with CKD stages 4 and 5. CLINICAL KIDNEY JOURNAL. 2025. -. DOI:10.1093/ckj/sfae390. IF: 4,6 Q1 D2	GC07

PUBLICATIONS	IMIBIC GROUP
Guerrero F, Carmona A, Jiménez MJ, Ariza F, Obrero T, Berdud I, Carrillo-Carrión C, Rodríguez M, Soriano S, Muñoz-Castañeda JR, Martín-Malo A. New biomarkers of inflammation associated with haemodialysis. CLINICAL KIDNEY JOURNAL. 2025. -. DOI:10.1093/ckj/sfaf223. IF: 4,6 Q1 D2	GC07
Huelva-López M, Ciudad-Montejo M, Novillo-Sarmiento CF, Moyano-Peregrín C, García-Montemayor VE, Ojeda-López R, Agüera-Morales ML, Rodríguez-Benot A. Sensitization on Hemodialysis After Renal Graft Failure: HLA Incompatibility Still Matters. TRANSPLANTATION PROCEEDINGS. 2025. 27-29. DOI:10.1016/j.transproceed.2024.11.032. IF: 0,8 Q3 D	GC07
Rodelo-Haad C, Rodríguez-Ortiz ME, Garcia-Sáez R, Rivas-Domínguez A, Jurado-Montoya D, Martín-Malo A, Rodríguez M, de Mier MVPR, Muñoz-Castañeda JR. The true cost of phosphate control in chronic kidney disease. CLINICAL KIDNEY JOURNAL. 2025. i46-i60. DOI:10.1093/ckj/sfae434. IF: 4,6 Q1 D2	GC07
Rodríguez-Ortiz ME, Díaz-Tocados JM, Torralbo AI, Valdés-Díaz K, Rivas-Domínguez A, Guerrero F, Reina-Alfonso I, Naves-Díaz M, Alonso-Montes C, Rodelo-Haad C, Rodríguez M, Muñoz-Castañeda JR. Impact of elevated sclerostin levels on bone resorption unravelling structural changes and mineral metabolism disruption. BONE & JOINT RESEARCH. 2025. 448-462. DOI:10.1302/2046-3758.145.BJR-2024-0227.R1. IF: 5,1 Q1 D1	GC07
Novillo C, García-Saez RM, Sánchez-Molina L, Rodelo-Haad C, Carmona A, Pinaglia-Tobaruela G, Membrives-González C, Jurado D, Santamaría R, Muñoz-Castañeda JR, Martín-Malo A, Rodríguez M, Soriano S, Pendon-RuizdeMier V. The Phosphate/Urea Nitrogen Ratio in Urine-A Method to Assess the Relative Intake of Inorganic Phosphate. NUTRIENTS. 2025. -. DOI:10.3390/nu17213323. IF: 5 Q1 D2	GC07
Espejo-Cruz ML, González-Rubio S, Espejo JJ, Zamora-Olaya JM, Prieto-Torre M, Linares CI, Ruiz-Ramas A, Jiménez-Arranz A, Guerrero-Misas M, Barrera-Baena P, Poyato-González A, Montero JL, Sánchez-Frías M, Ayllón MD, Rodríguez-Perálvarez ML, de la Mata M, Ferrín G. Early release of circulating tumor cells after transarterial chemoembolization hinders therapeutic response in patients with hepatocellular carcinoma. JOURNAL OF TRANSLATIONAL MEDICINE. 2025. -. DOI:10.1186/s12967-025-06092-3. IF: 7,5 Q1 D2	GC08
Hermán-Sánchez N, del Rio-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. MOLECULAR CANCER. 2025. -. DOI:10.1186/s12943-024-02206-5. IF: 33,9 Q1 D1	GC08
Prasad V, Koumarianou A, Denecke T, Sundin A, Deroose CM, Pavel M, Christ E, Lamarca A, Caplin M, Castano JP, Dromain C, Falconi M, Grozinsky-Glasberg S, Hofland J, Knigge UP, Kos-Kudla B, Krishna BA, Reed NS, Scarpa A, Srirajaskanthan R, Toumpanakis C, Kjaer A, Hicks RJ, Ambrosini V. Challenges in developing response evaluation criteria for peptide receptor radionuclide therapy: A consensus report from the European Neuroendocrine Tumor Society Advisory Board Meeting 2022 and the ENETS Theranostics Task Force. JOURNAL OF NEUROENDOCRINOLOGY. 2025. -. DOI:10.1111/jne.13479. IF: 4,1 Q1 D3	GC08
Green HD, El-Asmar ML, Rous B, Hawkes G, Moreno-Montilla MT, Thirlwell C, Ramage J. Clinical and Genetic Factors Associated with Neuroendocrine Neoplasms: A UK Biobank Study. NEUROENDOCRINOLOGY. 2025. 924-928. DOI:10.1159/000545114. IF: 2,8 Q3 D	GC08
Castano JP, Dattani MT, Grozinsky-Glasberg S, Karavitaki N, Pavel ME, Andoniadou C, Alexandraki K, Capatina C, Cerbone M, Ferone D, Gan HW, Hofland J, Hofland LJ, Ibanez-Costa A, Ilie MD, Isidori AM, Korbonits M, Kos-Kudla B, Maghnie M, Mantovani G, Marazuela M, Raverot G, Scarpa A, Schilbach K, Theodoropoulou M, van Santen HM, Zatelli MC. EndoCompass project: research roadmap for pituitary and neuroendocrine tumor endocrinology. EUROPEAN JOURNAL OF ENDOCRINOLOGY. 2025. ii84-ii96. DOI:10.1093/ejendo/lvaf035. IF: 5,2 Q1 D2	GC08
Castano JP, Dattani MT, Grozinsky-Glasberg S, Karavitaki N, Pavel ME, Andoniadou C, Alexandraki K, Capatina C, Cerbone M, Ferone D, Gan HW, Hofland J, Hofland L, Ibanez-Costa A, Ilie MD, Isidori AM, Korbonits M, Kos-Kudla B, Maghnie M, Mantovani G, Marazuela M, Raverot G, Scarpa A, Schilbach K, Theodoropoulou M, Van Santen HM, Zatelli MC. EndoCompass Project: Research Roadmap for Pituitary and Neuroendocrine Tumor Endocrinology. HORMONE RESEARCH IN PAEDIATRICS. 2025. 105-120. DOI:10.1159/000549145. IF: 2,7 Q1 D2	GC08

PUBLICATIONS	IMIBIC GROUP
Farinella R, Felici A, Peduzzi G, Testoni SGG, Costello E, Aretini P, Blazquez-Encinas R, Oz E, Pastore A, Tacelli M, Otlu B, Campa D, Gentiluomo M. From classical approaches to artificial intelligence, old and new tools for PDAC risk stratification and prediction. SEMINARS IN CANCER BIOLOGY. 2025. 71-92. DOI:10.1016/j.semcancer.2025.03.004. IF: 15,7 Q1 D1	GC08
Tost J, Ak-Aksoy S, Campa D, Corradi C, Farinella R, Ibáñez-Costa A, Dubrot J, Earl J, Melian EB, Katakí A, Kolnikova G, Madjarov G, Chaushevská M, Strnadel J, Tanic M, Tomas M, Dubovan P, Urbanova M, Buocikova V, Smolkova B. Leveraging epigenetic alterations in pancreatic ductal adenocarcinoma for clinical applications. SEMINARS IN CANCER BIOLOGY. 2025. 101-124. DOI:10.1016/j.semcancer.2025.01.003. IF: 15,7 Q1 D1	GC08
Tacelli M, Gentiluomo M, Biamonte P, Castano JP, Berkovic MC, Cives M, Kapitanovic S, Marinoni I, Marinovic S, Nikas I, Nosáková L, Pedraza-Arevalo S, Pellè E, Perren A, Strosberg J, Campa D, Capurso G. Pancreatic neuroendocrine neoplasms (pNENs): Genetic and environmental biomarkers for risk of occurrence and prognosis. SEMINARS IN CANCER BIOLOGY. 2025. 112-125. DOI:10.1016/j.semcancer.2025.03.005. IF: 15,7 Q1 D1	GC08
Biagetti B, Cardona-Arias A, Torre EM, Aulinas A, Ruz-Caracuel I, Centeno RG, Gonzalez L, Echarri AI, Rodriguez MDM, Paja M, Guerrero-Perez F, Castano JP, Garcia MDO, Novo-Rodriguez C, Tenorio-Jimenez C, Villar-Taibo R, Bernabeu I, Diaz-Lopez E, Calatayud M, Alvarez-Escola C, Rojas-Marcos PM, Recio-Cordova JM, Lozano-Aida C, Roca QA, Aviles MD, Mezquita EL, Argueso MF, Molero IG, Alberoa I, Idrobo C, Achote E, Martinez-Saez E, Marazuela M, Puig-Domingo M, Hanzu F, Araujo-Castro M. Predictors of progression after surgery in non-functioning pituitary macroadenomas: a Spanish multicenter study. JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION. 2025. 2857-2867. DOI:10.1007/s40618-025-02674-6. IF: 3,5 Q2 D4	GC08
Araujo-Castro M, Torre EM, Lozano-Aida C, Garcia-Centeno R, Fernandez LG, Idrobo C, Achote-Rea E, Echarri AI, Rodríguez-Argullo MDM, Paja M, Guerrero-Perez F, Castano JP, Garcia MDO, Novo-Rodriguez C, Tenorio-Jimenez C, Villar-Taibo R, Bernabeu I, Diaz-Lopez E, Calatayud M, Alvarez-Escola C, Rojas-Marcos PM, Recio-Cordova JM, Aulinas A, Roca QA, Aviles MD, Mezquita EL, Fernandez-Argueeso M, Molero IG, Ruz-Caracuel I, Aldecoa I, Garcia J, Martinez-Saez E, Hanzu F, Marazuela M, Puig-Domingo M, Biagetti B. Validation and Limitations of the PANOMEN-3 Predictive Model for Tumor Recurrence and Progression in Pituitary Tumors. JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM. 2025. 3391-3399. DOI:10.1210/clinem/dgaf252. IF: 5,1 Q1 D2	GC08
Cros J, Casanovas O, Castaño JP, Dayton T, Alvarez AG, Gibert B, Simbolo M, Vandamme T, Cives M, Marinoni I. White paper on best practices for translational research in neuroendocrine neoplasms. JOURNAL OF NEUROENDOCRINOLOGY. 2025. -. DOI:10.1111/jne.70072. IF: 4,1 Q1 D3	GC08
G-García ME, De la Rosa-Herencia AS, Flores-Martínez A, Ortega-Bellido M, Sánchez-Sánchez R, Blanco-Acevedo C, Gahete MD, Solivera J, Luque RM, Fuentes-Fayos AC. Assessing the diagnostic, prognostic, and therapeutic potential of the somatostatin/cortistatin system in glioblastoma. CELLULAR AND MOLECULAR LIFE SCIENCES. 2025. -. DOI:10.1007/s00018-025-05687-9. IF: 6,2 Q1 D2	GC08
Moreno-Montilla MT, Pedraza-Arevalo S, Martínez-López A, Blázquez-Encinas R, García-Vioque V, Rodríguez-Ortiz L, Valenzuela-Molina F, Rufián-Andújar B, Granados-Rodríguez M, Ortega-Salas R, Alors-Pérez E, Vázquez-Borrego MC, Romero-Ruiz A, Castaño JP, Arjona-Sánchez A, Ibáñez-Costa A. Exploring RNA biology in pseudomyxoma peritonei uncovers splicing dysregulation as a novel, targetable molecular vulnerability. CANCER GENE THERAPY. 2025. 721-736. DOI:10.1038/s41417-025-00911-x. IF: 5 Q1 D2	GC08
Lopez C, Sanchez-Sanchez R, Corona D, Perez AB, Bravo F, de Alba M, Bracero A, Cazorla C, Vázquez A, Sánchez-Seco MP, Negredo A, Gómez-Pinedo U, Martinez-Martinez L, Torre-Cisneros J, de la Fuente C. A Fatal Case of Monkeypox-Associated Encephalitis in a Non-HIV-Infected Patient. CRITICAL CARE EXPLORATIONS. 2025. -. DOI:10.1097/CCE.0000000000001272. IF: 2,7 Q2 D5	GC08
Recio-Rufian M, López-Viñau T, Gálvez-Soto V, Cano A, Ruiz-Montero R, Gutiérrez-Gutiérrez B, Gracia-Ahufinger I, Peñalva G, Marín-Sanz JA, Marín-Sanz M, Segorbe D, Pineda-Capitán JJ, Muñoz-Rosa M, Riazzo C, Giovagnorio F, Ruiz-Arabi E, Torres-Peña JD, Castón JJ, Machuca I, Salcedo-Leal I, Martínez-Martínez L, Pérez-Nadales E, Torre-Cisneros J. Incidence, clinical and genomic trends of hospital- and Non-hospital-onset KPC-producing Klebsiella pneumoniae infections before and during the COVID-19 era: a ten-year interrupted time series study. ANTIMICROBIAL RESISTANCE AND INFECTION CONTROL. 2025. -. DOI:10.1186/s13756-025-01614-6. IF: 4,4 Q1 D2	GC09

PUBLICATIONS	IMIBIC GROUP
Rabasco-Vílchez L, Porras-Pérez E, Possas A, Morcillo-Martín R, Pérez-Rodríguez F. A predictive approach to reducing strawberry post-harvest waste: Impact of storage conditions and water activity on Botrytis cinerea germination. FOOD RESEARCH INTERNATIONAL. 2025. -. DOI:10.1016/j.foodres.2025.116401. IF: 8 Q1 D1	GC09
Perelló-Capo J, Molina AB, Santos JT, Arqueros MLM, de la Viuda E, García-Ramos BO, Jaraíz DP, Otero LID. Anamnesis Checklist for Informed Oral Contraceptive Choices: A Spanish Perspective. WOMENS HEALTH REPORTS. 2025. 50-59. DOI:10.1089/whr.2024.0073. IF: 1,8 Q2 D5	GC09
Conde-Martel A, Méndez-Bailón M, Montero-Pérez-Barquero M, González-Franco A, Cerqueiro JM, Pérez-Silvestre J, Fernández-Rodríguez JM, Llàcer P, Casado J, Formiga F, Salamanca-Bautista P, Arévalo-Lorido JC, Manzano L. Are There Gender Differences in the Benefits of Multidisciplinary Care in Patients with Heart Failure? Results from the UMIPIC Program. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14165818. IF: 2,9 Q1 D2	GC09
Quetglas-Llabrés MM, Díaz-López A, Bouzas C, Monserrat-Mesquida M, Salas-Salvadó J, Ruiz-Canela M, Martínez JA, Santos-Lozano JM, García S, Estruch R, López-Miranda J, Romaguera D, Tinahones FJ, García-Fernández M, Mas-Fontao S, Matía-Martin P, Vioque J, Bueno A, Babio N, Tur JA, Sureda A. Association Between Oxidative-Inflammation Biomarkers and Incident Chronic Kidney Disease in People with High Cardiovascular Risk: A Nested Case-Control Study. ANTIOXIDANTS. 2025. -. DOI:10.3390/antiox14080975. IF: 6,6 Q1 D2	GC09
García-Klepzigla JL, Bailón MM, Montero-Pérez-Barquero M, González-Franco A, Cerqueiroe JM, Pérez-Silvestre J, Salamanca-Bautista MP, Carrascosa-García S, Moreno-García MD, Manzano-Espinosa L. Benefits of a comprehensive care model in patients with heart failure and atrial fibrillation: UMIPIC Program. MEDICINA CLINICA. 2025. -. DOI:10.1016/j.medcli.2025.107113. IF: 2,1 Q2 D3	GC09
Bailón MM, González-Franco A, Cerqueiro JM, Pérez-Silvestre J, García CM, Conde-Martel A, Arévalo-Lorido JC, Pérez FF, Manzano-Espinosa L, Montero-Pérez-Barquero M. Benefits of a comprehensive care model in patients with heart failure and chronic obstructive pulmonary disease: UMIPIC program. REVISTA CLINICA ESPANOLA. 2025. 1-8. DOI:10.1016/j.rce.2024.09.002. IF: 1,7 Q2 D4	GC09
Calvo-Elías AE, Méndez-Bailón M, Martín-Sánchez FJ, Martín-Sánchez RA, Calvo-Manuel E, Salamanca-Bautista P, Pérez-Silvestre J, Montero-Pérez-Baquero M, Representac los Investigadores Del Registro RICA. Cardiovascular death in patients with acute heart failure in sinus rhythm: results from the RICA registry. MEDICINA CLINICA. 2025. 389-395. DOI:10.1016/j.medcli.2024.10.022. IF: 2,1 Q2 D3	GC09
Paulí S, Oliveras-Cañellas N, Moreno-Navarrete JM, Castells-Nobau A, Ortega FJ, Rodriguez-Hermosa JI, Castro E, Zhang BR, Zhou Y, Gómez-Ambrosi J, Crujeiras AB, Rangel-Zuñiga OA, Garrido-Sanchez L, Becerril S, Pardo M, Romero-Cabrera JL, Gutierrez-Repiso C, Carreira MC, Macias-Gonzalez M, Martinez-Olmos MA, Frühbeck G, Seoane LM, López-Miranda J, Tinahones FJ, Diéguez C, Mayneris-Perxachs J, Fernández-Real JM. Cellular composition and transcriptomics of subcutaneous adipose tissue linked to blood glycated haemoglobin. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION. 2025. -. DOI:10.1111/eci.70033. IF: 3,6 Q1 D2	GC09
Ruiz-Canela M, Corella D, Martinez-González MA, Babio N, Martinez JA, Forga L, Alonso-Gómez AM, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Santos-Lozano JM, Serra-Majem L, Bueno-Cavanillas A, Tur JA, Martin-Sánchez V, Riera-Mestre A, Delgado-Rodríguez M, Matia-Martin P, Vidal J, Vázquez C, Daimiel L, Buil-Cosiales P, Shyam S, Sorli JV, Castañer O, García-Rios A, Torres-Collado L, Gómez-Gracia E, Zulet MA, Konieczna J, Casas R, Cano-Ibáñez N, Tojal-Sierra L, Bernal-López RM, Toledo E, Garcia-Gavilán J, Fernández-Carrión R, Goday A, Arenas-Larriva AP, González-Palacios S, Schroeder H, Ros E, Fitó M, Hu FB, Tinahones FJ, Salas-Salvadó J. Comparison of an Energy-Reduced Mediterranean Diet and Physical Activity Versus an Ad Libitum Mediterranean Diet in the Prevention of Type 2 Diabetes A Secondary Analysis of a Randomized Controlled Trial. ANNALS OF INTERNAL MEDICINE. 2025. 1378-1389. DOI:10.7326/ANNALS-25-00388. IF: 15,2 Q1 D1	GC09

PUBLICATIONS	IMIBIC GROUP
Shyam S, Gómez-Martínez C, Ni JQ, Gaforio JJ, Martínez-González MA, Corella D, Martínez JA, Alonso-Gómez AM, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Lapetra J, Serra-Majem L, Bueno-Cavanillas A, Tur JA, Martín-Sánchez V, Pintó X, Delgado-Rodríguez M, Matía-Martin P, Vidal J, Vázquez C, Daimiel L, Ros E, Fernandez-Aranda F, Hernández-Cacho A, Buil-Cosiales P, Sorli J, Castañer O, Garcia-Rios A, Oncina-Canovas A, Pérez-Farinós N, Nafria M, Casas R, Martínez-Diz S, Tojal-Sierra L, Gómez-Pérez AM, Toledo E, Fernández-Carrión R, Bayón AM, Torres-Peña JD, Compañ-Gabucio L, Vázquez-Ruiz Z, Babio N, Fitó M, Salas-Salvadó J. COVID-19 and Cognitive Decline in Older Adults with High-Cardiovascular Risk: A Post Hoc Analysis. AGING AND DISEASE. 2025. 2373-2382. DOI:10.14336/AD.2024.0380. IF: 6,9 Q1 D1	GC09
Pla-Salas X, Tolosa-Vilella C, Baldà-Masmiquel M, Guillén-del-Castillo A, Rubio-Rivas M, Argibay-Filgueira A, Marín-Ballvé A, Rodríguez-Pintó I, Callejas-Moraga E, Colunga-Argüelles D, Sáez-Comet L, González-de-Echávarri C, Ortego-Centeno N, Marí-Alonso B, Vargas-Hitos JA, Todolí-Parra JA, Trapiella-Martínez L, Herranz-Marín MT, Freire M, Castro-Salomó A, Perales-Fraile I, Madroñero-Vuelta AB, Sánchez-García ME, González-García A, Sánchez-Redondo J, De-la-Red G, Fernández-Luque A, Muela-Molinero A, Lledó G, Chamorro-Fernández AJ, Rodríguez-Carballeira M, Sánchez-Trigo S, Fernández-de-la-Puebla RA, Pons-Martín-del-Campo I, Fonollosa-Pla V, Simeón-Aznar CP, RESCLE Investigators. Decreasing prevalence and cumulative incidence of scleroderma renal crisis over time: associated factors identified from the RESCLE registry. RHEUMATOLOGY. 2025. 6201-6212. DOI:10.1093/rheumatology/keaf424. IF: 4,4 Q1 D2	GC09
Vázquez-Lorente H, Ni JQ, Paz-Graniel I, Toledo E, Corella D, Castañer O, Martínez JA, Alonso-Gómez AM, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Lapetra J, Serra-Majem L, Bouzalmate-Hajjaj A, Tur JA, Pérez RMM, Fanlo M, Delgado-Rodríguez M, Bustelo AB, Vidal J, Vázquez C, Daimiel L, Ros E, Fernández-Aranda F, Rognoni T, Babio N, Asensio EM, Pérez-Vega KA, Garcia-Rios A, Compañ-Gabucio L, Cueto-Galán R, Zulet MA, Nafria M, Casas R, Cano-Ibáñez N, Tojal-Sierra L, Gómez-Pérez AM, Goñi N, Sorli JV, Zomeño MD, Arenas-Larriva AP, Jiménez-Sellés P, Basterra-Gortari J, Fitó M, Salas-Salvadó J. Dietary vitamin D intake and 2-year changes in cognitive function in older adults with overweight or obesity and metabolic syndrome. GEROSCIENCE. 2025. 6139-6156. DOI:10.1007/s11357-025-01670-1. IF: 5,4 Q1 D2	GC09
Gómez JC, Rodríguez JMF, Doña AM, González JPM, Soler JJG, Soto MIP, Sánchez FJC, Delgado FG, Lorido JCA, Martínez PP. From obesity to comorbidities: a comprehensive care approach for improved health by the Spanish Society of Internal Medicine. REVISTA CLINICA ESPANOLA. 2025. -. DOI:10.1016/j.rce.2025.502352. IF: 1,7 Q2 D4	GC09
Porras-Pérez E, Peña-Orihuela PJ, Díaz-Cáceres A, Serrán-Jiménez A, Arenas-Montes J, Arenas-de Larriva AP, Alcalá-Díaz JF, Lan FY, Delgado-Lista J, Yubero-Serrano EM, Ordovás JM, Romero-Cabrera JL, Pérez-Martínez P. Health inequity in metabolic disorders and lifestyle behaviors in under-resourced adolescents: a cross-sectional study from E-DUCASS Program. AMERICAN JOURNAL OF PREVENTIVE CARDIOLOGY. 2025. -. DOI:10.1016/j.ajpc.2025.101012. IF: 5,9 Q1 D2	GC09
Sánchez-Hernández RM, Ibarretxe D, Jiménez FF, Martínez-Hervás S, Blanco-Echevarria A, Rodríguez BC, Rodríguez-Carnero G, Ordiales MMM, Pérez A, González-Bustos P, Armesto RA, Sánchez-Sobrinó P, Masana L, Civeira F. Homozygous Familial Hypercholesterolemia in Spain: Data From Registry of the Spanish Atherosclerosis Society. JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM. 2025. 2280-2287. DOI:10.1210/clinem/dgae784. IF: 5,1 Q1 D2	GC09
López-Miranda J. Hypertriglyceridemia (> 150 mg/dL) as a marker of cardiovascular risk. CLINICA E INVESTIGACION EN ARTERIOSCLEROSIS. 2025. -. DOI:10.1016/j.arteri.2025.500822. IF: 1,9 Q3 D	GC09
Miro O, Peyrony O, Trullàs JC, Alquézar-Arbé A, Núñez J, Lopez-Ayala P, Jacob J, Bueno H, Montero-Pérez-Barquero M, Arévalo-Lorido JC, de la Espriella R, Miñana G, Sanchis J, Llorensn P. Identification of phenotypes in heart failure with preserved ejection fraction among 8161 patients from 3 Spanish cohorts. REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 896-905. DOI:10.1016/j.rec.2025.02.021. IF: 4,9 Q1 D2	GC09

PUBLICATIONS	IMIBIC GROUP
Oblitas CM, Demelo-Rodríguez P, Barrera-López L, Galeano-Valle F, Rubio-Rivas M, del Pino JL, Galvañ VG, Paredes-Ruíz D, Martínez RFM, Aseguinolaza MG, Gómez-Huelgas R, Fernández FA, Peña JDT, González JIM, Méndez-Bailón M, Monge DM, Castro SJF, Valverde CP, Rodilla-Sala E, García MG, Rivas-Carmenado M, Gallo CM, Ribis MAP, Casas-Rojo JM, Núñez-Cortés JM. Impact of SARS-CoV-2 infection therapies on the risk of venous thromboembolism and cardiovascular events from the SEMI-COVID-19 Registry. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-90278-8. IF: 3,9 Q1 D2	GC09
Muñoz-Pardeza J, López-Gil JF, Huerta-Uribe N, Hormazábal-Aguayo I, Ojeda-Rodríguez A, del Moral AM, Izquierdo M, García-Hermoso A. Is physical fitness associated with leucocyte telomere length in youth with type 1 diabetes?. PEDIATRIC RESEARCH. 2025. 2354-2359. DOI:10.1038/s41390-024-03732-0. IF: 3,1 Q1 D2	GC09
Alcaide-García J, Boughanem H, García-Aranda M, Rivas-Ruiz F, Aguirre U, García DM, Padilla-Ruiz M, Varela-Moreno E, Robles-Lasarte M, Baré M, del Cura I, Varela MMM, Quintana JM, Macías M, Redondo M. Long-term prognostic implications of type 2 diabetes mellitus in colorectal cancer patients. COLORECTAL DISEASE. 2025. -. DOI:10.1111/codi.70250. IF: 2,7 Q2 D5	GC09
Chopard R, Bertoletti L, Badoz M, Meneveau N, Ecartot F, Jiménez LL, Madridano O, Peromingo JAD, de la Fuente ML, Monreal M, Piazza G. Lower early mortality and risk prediction improvement of obesity after acute pulmonary embolism: results from a multicenter cohort analysis with external validation. RESEARCH AND PRACTICE IN THROMBOSIS AND HAEMOSTASIS. 2025. -. DOI:10.1016/j.rpth.2025.102718. IF: 3,4 Q2 D3	GC09
Alcala-Diaz JF, Camargo A, Vals-Delgado C, Leon-Acuña A, Garcia-Fernandez H, Larriva APAD, Perez-Cardelo M, Mora-Ortiz M, Perez-Martinez P, Delgado-Lista J, Malagon MD, Ordovas JM, Rangel-Zuñiga OA, Lopez-Miranda J. MiRNAs as biomarkers of nutritional therapy to achieve T2DM remission in patients with coronary heart disease: from the CORDIOPREV study. NUTRITION & DIABETES. 2025. -. DOI:10.1038/s41387-025-00362-1. IF: 5,2 Q1 D2	GC09
Ariza MJ, Coca-Prieto I, Rioja J, Muñoz-Grijalvo O, Zambón-Rados D, Blanco-Echevarría A, Arrobas-Velilla T, Delgado-Lista J, León-Jiménez D, Casañas-Martínez M, Alvarez-Sala LA, Gutiérrez-Carrasquilla L, Sánchez-Gil J, Domènech M, González-Jiménez A, Benítez-Toledo MJ, Espíldora-Hernández J, de Victoria EOM, Sánchez-Chaparro MA, Valdivielso P. Pathogenicity assessment of genetic variants identified in patients with severe hypertriglyceridemia: Novel cases of familial chylomicronemia syndrome from the Dyslipidemia Registry of the Spanish Atherosclerosis Society. GENETICS IN MEDICINE. 2025. -. DOI:10.1016/j.gim.2025.101365. IF: 6,2 Q1 D1	GC09
Rubín-García M, Vitelli-Storelli F, Alvarez-Alvarez L, Fitó M, Vázquez-Ruiz Z, Salas-Salvadó J, Corella D, Serra-Majem L, Warnberg J, Romaguera D, Estruch R, Pintó X, Martínez JA, Vázquez C, Vidal J, Tur JA, Alonso-Gómez AM, Ros E, Vioque J, López-Miranda J, Bueno-Cavanillas A, Tinahones FJ, Lapetra J, Daimiel L, Delgado-Rodríguez M, Matía-Martín P, Babio N, Schröder H, Lamuela-Raventós RM, Martín-Sánchez V, Zamora-Ros R. Prospective association of changes in (poly)phenol intake, body weight and physical activity with inflammatory profile. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES. 2025. -. DOI:10.1016/j.numecd.2024.103837. IF: 3,7 Q1 D3	GC09
Gómez JC, Viñas MMC, Pérez JMP, Bailón MM, Martínez PP, Marín MTH, del Prado N, Somoza FJE. RECALMIN V. Evolution in the activity of internal medicine units of the National Health System (2007-2022). REVISTA CLINICA ESPANOLA. 2025. 211-222. DOI:10.1016/j.rce.2024.10.011. IF: 1,7 Q2 D4	GC09
Ros E, Pérez-Martínez P, Estruch R, López-Miranda J, Ferrer CS, Delgado-Lista J, Gómez-Delgado F, Solà R, Pascual V. Recommendations of the Spanish Arteriosclerosis Society: The diet in cardiovascular prevention- 2024 Update. CLINICA E INVESTIGACION EN ARTERIOSCLEROSIS. 2025. -. DOI:10.1016/j.arteri.2024.10.001. IF: 1,9 Q3 D	GC09
Pedro-Botet J, Freixa R, Tamarit JJ, Lopez-Miranda J, Fernández-Olmo R, Muñoz-Grijalvo O, Vázquez-García R, Guijarro C, Rodríguez-Padial L, Díaz-Díaz JL, Bravo-Amaro M, Hernández JL, Alarcón-Duque JA, Martín-Armas JA, García-López M, Cosín-Sales J. Strategies to improve cardiovascular health and treatment of dyslipidemia in Spain. Expert Insights Project. CLINICA E INVESTIGACION EN ARTERIOSCLEROSIS. 2025. -. DOI:10.1016/j.arteri.2024.08.007. IF: 1,9 Q3 D	GC09

PUBLICATIONS	IMIBIC GROUP
Pilo J, Rego-Calvo A, García-Flores LA, Arranz-Salas I, Alvarez-Mancha AI, Izquierdo AG, Crujeiras AB, Alcaide J, Ortega-Castan M, Boughanem H, Macías-González M. Unraveling TNXB Epigenetic Alterations Through Genome-Wide DNA Methylation Analysis and Their Implications for Colorectal Cancer. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26157197. IF: 4,9 Q1 D3	GC09
Lafaie L, Poenou G, Hanon O, Otálora S, Jiménez LL, Ballaz A, Soler S, Fernández MJN, Bertoletti L, Monreal M. Venous thromboembolism in patients aged ≥90 years: Trends in clinical features, treatment, and outcomes-RIETE registry. JOURNAL OF THE AMERICAN GERIATRICS SOCIETY. 2025. 1219-1226. DOI:10.1111/jgs.19306. IF: 4,5 Q1 D1	GC09
Garcia-Fernandez H, Alcala-Diaz JF, Quintana-Navarro GM, Lopez-Moreno J, Luque-Cordoba D, Narvaez ERD, Arenas-de Larriva AP, Gutierrez-Mariscal FM, Torres-Pena JD, Rodriguez-Cano D, Luque RM, Priego-Capote F, Lopez-Miranda J, Camargo A. Trimethylamine Oxidation into the Proatherogenic Trimethylamine N-Oxide Is Higher in Coronary Heart Disease Men: From the CORDIOPREV Study. WORLD JOURNAL OF MENS HEALTH. 2025. 249-258. DOI:10.5534/wjmh.230366. IF: 4,1 Q1 D1	GC09
Vega-Rojas A, Haro C, Molina-Abril H, Guil-Luna S, Santos-Marcos JA, Gutierrez-Mariscal FM, Garcia-Fernandez H, Caballero-Villarraso J, Rodriguez-Ariza A, Lopez-Miranda J, Perez-Martinez P, Hervas A, Camargo A. Gut Microbiota Interacts with Dietary Habits in Screenings for Early Detection of Colorectal Cancer. NUTRIENTS. 2025. -. DOI:10.3390/nu17010084. IF: 5 Q1 D2	GC09
Boughanem H, Párraga-Viúdez MJ, Ojeda-Rodríguez A, Romero-Cabrera JL, Narváez ERD, Lopez-Moreno A, Torres-Peña JD, Macías-González M, Alcalá-Díaz JF, Larriva APAD, Pérez-Martínez P, Delgado-Lista J, Lopez-Miranda J, Rangel-Zuñiga OA. Circulating long non-coding RNAs as predictors of type 2 diabetes mellitus development: results from the CORDIOPREV study. CARDIOVASCULAR DIABETOLOGY. 2025. -. DOI:10.1186/s12933-025-02942-y. IF: 10,6 Q1 D1	GC09
Porras-Pérez E, Romero-Cabrera JL, Díaz-Cáceres A, Serrán-Jiménez A, Arenas-Montes J, Peña-Orihuela PJ, De-Castro-Burón I, García-Ríos A, Torres-Peña JD, Malagón MM, Delgado-Lista J, Ordovás JM, Yubero-Serrano EM, Pérez-Martínez P. Food Insecurity and Its Cardiovascular Implications in Underresourced Communities. JOURNAL OF THE AMERICAN HEART ASSOCIATION. 2025. -. DOI:10.1161/JAHA.124.037457. IF: 5,3 Q1 D2	GC09
Arenas-Montes J, Alcala-Diaz JF, Garcia-Fernandez H, Gutierrez-Mariscal FM, Lopez-Moreno A, Luque-Cordoba D, Larriva APAD, Torres-Pena JD, Luque RM, Prodam F, Priego-Capote F, Delgado-Lista J, Lopez-Miranda J, Camargo A. A microbiota pattern associated with cardiovascular events in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2025. 2104-2115. DOI:10.1093/eurheartj/ehaf181. IF: 35,1 Q1 D1	GC09
Ojeda-Rodriguez A, Torres-Peña JD, Larriva APAD, Rangel-Zuñiga OA, Podadera-Herreros A, Boughanem H, G-García ME, López-Moreno A, Katsiki N, Luque RM, Perez-Martinez P, Delgado-Lista J, Yubero-Serrano EM, Lopez-Miranda J. Differences in splicing factors may predict type 2 diabetes remission in the CORDIOPREV study. ISCIENCE. 2025. -. DOI:10.1016/j.isci.2024.111527. IF: 4,1 Q1 D2	GC09
Boughanem H, de Larriva APA, Camargo A, Torres-Peña JD, Ojeda-Rodriguez A, Alcala-Diaz JF, Romero-Cabrera JL, Rangel-Zuñiga OA, Rodríguez-Cantalejo F, Soehnlein O, Macias-Gonzalez M, Tinahones FJ, Perez-Martinez P, Delgado-Lista J, López-Miranda J. Decreased Neutrophils Are Associated With Reduced Risk of Type 2 Diabetes Incidence: Results From the CORDIOPREV Study. JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM. 2025. 1550-1558. DOI:10.1210/clinem/dgae736. IF: 5,1 Q1 D2	GC09
Boughanem H, Gutierrez-Mariscal FM, Larriva APAD, Torres-Peña JD, Romero-Cabrera JL, Rangel-Zuñiga OA, García-Fernández H, Podadera-Herreros A, Rodríguez-Cantalejo F, Soehnlein O, Macias-Gonzalez M, Tinahones FJ, Serrano EMY, Perez-Martinez P, Delgado-Lista J, López-Miranda J. Effect of long-term Mediterranean versus low-fat diet on neutrophil count, and type 2 diabetes mellitus remission in patients with coronary heart disease: results from the CORDIOPREV study. NUTRITION & DIABETES. 2025. -. DOI:10.1038/s41387-025-00360-3. IF: 5,2 Q1 D2	GC09

PUBLICATIONS	IMIBIC GROUP
García-Ríos A, Romero-Cabrera JL, Alcalá-Díaz JF, Quintana-Navarro GM, Martín-Piedra L, Larriva APA, Torres-Peña JD, Rodríguez-Cantalejo F, Kales SN, Ordovás JM, Pérez-Martínez P, Delgado-Lista J, López-Miranda J. Long sleep duration pattern is associated with increased cardiovascular recurrence: Effect of long-term Mediterranean diet from the CORDIOPREV study. JOURNAL OF INTERNAL MEDICINE. 2025. 237-250. DOI:10.1111/joim.20119. IF: 9,2 Q1 D1	GC09
Caballero-María P, Caballero-Villarraso J, Arenas-Montes J, Díaz-Cáceres A, Castañeda-Nieto S, Alcala-Díaz JF, Delgado-Lista J, Rodríguez-Cantalejo F, Pérez-Martínez P, López-Miranda J, Camargo A. Deep Learning Model Approach to Predict Diabetes Type 2 Based on Clinical, Biochemical, and Gut Microbiota Profiles. APPLIED SCIENCES-BASEL. 2025. -. DOI:10.3390/app15042228. IF: 2,5 Q2 D3	GC09
Boughanem H, Torres-Peña JD, Arenas-de Larriva AP, Romero-Cabrera JL, Gómez-Luna P, Martín-Piedra L, Rodríguez-Cantalejo F, Tinahones FJ, Serrano EMY, Soehnlein O, Perez-Martinez P, Delgado-Lista J, López-Miranda J. Mediterranean diet, neutrophil count, and carotid intima-media thickness in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2024. 719-729. DOI:10.1093/eurheartj/ehae836. IF: 35,6 Q1 D1	GC09
Nopp S, Spielvogel C, Bikdeli B, Alberich-Conesa A, Hernández-Blasco L, Peris ML, Otero R, Jimenez D, Monreal M, Ay C, de Blas PA, Aibar J, Alberich-Conesa A, Alda-Lozano A, Alfonso J, Alonso-Carrillo J, Alvarez-Vega P, Amado C, Angelina-Garcia M, Arcelus JI, Ballaz A, Barba R, Barbagelata C, Barrón M, Barrón-Andres B, Bascuñana J, Blanco-Molina A, Bustos-Carpio J, Casado I, Chasco L, Claver G, De Juana-Izquierdo C, Del Toro J, Demelo-Rodríguez P, Díaz-Brasero AM, Diaz-Pedroche MC, Diaz-Peromingo JA, Dubois-Silva A, Escribano JC, Fernández-Capitán C, Fernández-Jimenez B, Fernández-Reyes JL, Fidalgo MA, Francisco I, Gabara C, Galeano-Valle F, Garcia-Bragado F, Garcia-González C, Garcia-Ortega A, Gavin-Sebastián O, de Gómez MAG, Gil-Díaz A, Gómez-Cepeda C, Gómez-Cuervo C, González-Martinez J, González-Munera A, Gorostidi J, Grau E, Guirado L, Gutierrez-Guisado J, Hernández-Blasco L, Jara-Palomares L, Jimenez D, Jou I, Joya MD, Láinez-Justo S, Lecumberri R, Lobo JL, López-Jimenez L, López-Miguel P, López-Núñez JJ, López-Ruiz A, López-Sáez JB, Lorenzo A, Madridano O, Maestre A, Marchena PJ, Marcos M, Pozo MMD, Martin-Martos F, Maza JM, Mercado MI, Molino A, Monreal M, Monzón L, Navas MS, Nieto JA, Núñez-Fernández MJ, Ordieres L, Ortiz O, Otálora S, Otero R, Pacheco-Gómez N, Pagán J, Parra-Caballero P, Pedrajas JM, Perez-Amorós J, Perez-Cabezas A, Perez-Ductor C, Perez-Pinar M, Peris ML, Pesce ML, Porras JA, Puchades R, Puche G, Rivas A, Rivera-Cívico F, Rodríguez-Cobo A, Romero-Bruguera M, Salgueiro G, Sánchez-Juez A, Sancho T, Sendin V, Sigüenza P, Soler S, Sota-Yoldi LA, Suárez-Fernández S, Tirado R, Torrents-Vilar A, Torres MI, Trujillo-Santos J, Uresandi F, Valle R, Varona JF, Vázquez E, Villalobos A, Villarejo C, Villares P, Ay C, Nopp S, Pabinger I, Vanassche T, Verhamme P, Verstraete A, Rocha AT, Yoo HHB, Montenegro AC, Morales SN, Roa J, Hirmerova J, Maly R, Acassat S, Bertoletti L, Brehon M, Bura-Riviere A, Catella J, Chopard R, Couturaud F, Espitia O, Le Mao R, Leclercq B, Mahe I, Moustafa F, Plaisance L, Poenou G, Quere I, Sarlon-Bartoli G, Suchon P, Versini E, Schellong S, Rashidi F, Sadeghipour P, Tahmasbi F, Brenner B, Kennet G, Tzoran I, Barillari G, Basaglia M, Bilora F, Bissacco D, Brandolin B, Casana R, Ciammaichella MM, Colaizzo D, Di Micco P, Giorgi-Pierfranceschi M, Grandone E, Lambertenghi-Deliliers D, Marcon C, Poz A, Prandoni P, Simioni P, Siniscalchi C, Taflaj B, Tufano A, Visonà A, Zalunardo B, Skride A, Tazi-Mezalek Z, Fonseca S, Marques R, Meireles J, Pinto S, Bosevski M, Zdraveska M, Barco S, Bounameaux H, Keller S, Mazzolai L, Porceddu E, Aujayeb A, Angiolillo DJ, Bikdeli B, Caprini JA, Khalil A, Ortega-Paz L, Tafur J, Weinberg I, Bui HM. A machine learning approach to identify patients at risk for long-term consequences after pulmonary embolism. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-14893-1. IF: 3,9 Q1 D2	GC09
de la Cruz-Ares S, Coronado-Carvajal MD, Rangel-Zúñiga OA, Torres-Peña JD, Arenas-de Larriva AP, López-Moreno A, Katsiki N, Ordovás JM, Delgado-Lista J, López-Martínez P, Gutiérrez-Mariscal FM, López-Miranda J. Lipoprotein particle profile in the presence of peripheral artery disease among patients with coronary heart disease: Data from the CORDIOPREV study. JOURNAL OF CLINICAL LIPIDOLOGY. 2025. 256-266. DOI:10.1016/j.jacl.2024.12.007. IF: 4,6 Q1 D2	GC09

PUBLICATIONS	IMIBIC GROUP
Rubín-Garía M, Vitelli-Storelli F, Toledo E, Alvarez-Alvarez L, Martínez-González MA, Corella D, Salas-Salvadó J, Zomeño MD, Martínez JA, Alonso-Gómez AM, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Santos-Lozano JM, Serra-Majem L, Bueno-Cavanillas A, Tur JA, Pintó X, Gaforio JJ, Matía-Martín P, Vidal J, Mas-Fontao S, Daimiel L, Ros E, Vázquez-Ruiz Z, de la Puente MF, Alvarez-Sala A, Pérez-Vegaj A, García-Ríos A, González-Palacios S, Gómez-Pérez A, Zulet MA, Chaplin A, Casas R, Cano-Ibañez N, Tojal-Sierra L, Cueto-Galán R, Buil-Cosiales P, Gutiérrez-Carrasquilla L, Sorli J, Malcampo M, Ortiz-Morales AM, Mira-Castejón LA, Ríos S, Fitó M, Martín-Sánchez V. Sex differences in (poly)phenol intake patterns and cardiovascular risk in Spanish adult population at high risk of cardiovascular disease: Cross-sectional findings. NUTRITION. 2025. -. DOI:10.1016/j.nut.2025.112919. IF: 3 Q2 D5	GC09
Narváez ERD, Medina RV, García-Fernández H, Ramirez AI, Benitez S, Echagüe G, Sosa L, Alvarenga N, Lugo AA, López-Miranda J, Pérez-Martínez P, Rangel-Zuñiga OA. Fermented dairy product could improve glucose homeostasis in patients diagnosed with type 2 diabetes mellitus: A randomized controlled trial. FUTURE FOODS. 2025. -. DOI:10.1016/j.fufo.2025.100679. IF: 8,2 Q1 D1	GC09
Narváez ERD, Medina RV, García-Fernández H, Ramirez AI, Benitez S, Echagüe G, Sosa L, Alvarenga N, Lugo AA, López-Miranda J, Pérez-Martínez P, Rangel-Zuñiga OA. Fermented dairy product could improve glucose homeostasis in patients diagnosed with type 2 diabetes mellitus: A randomized controlled trial. FUTURE FOODS. 2025. -. DOI:10.1016/j.fufo.2025.100679. IF: 8,2 Q1 D1	GC09
Garcia-Fernandez H, Arenas-Montes J, Gutierrez-Mariscal FM, Alcala-Díaz JF, Allais A, Arenas-de Larriva AP, Luque-Cordoba D, Torres-Peña JD, Romero-Cabrera JL, Luque RM, Priego-Capote F, Delgado-Lista J, Lopez-Miranda J, Camargo A. Sex-differences in endotoxemia and trimethylamine N-oxide according to the diet and type 2 diabetes status in coronary heart disease patients: from the CORDIOPREV study. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2025. -. DOI:10.3389/fcvm.2025.1527406. IF: 2,9 Q2 D4	GC09
Castro-Collado C, Jurado-Castro JM, Gil-Campos M, Rico MC, Pastor-Villaescusa B, Quintana-Navarro GM, Llorente-Cantarero FJ. Changes in body composition and low-grade inflammation status in boys during a basketball afterschool program for three years. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-22628-5. IF: 3,9 Q1 D2	GC09
Castro-Collado C, Jurado-Castro JM, Gil-Campos M, Pastor-Villaescusa B, Quintana-Navarro GM, Llorente-Cantarero FJ. Effects of After-School Basketball Program on Physical Fitness and Cardiometabolic Health in Prepubertal Boys. SPORTS. 2025. -. DOI:10.3390/sports13090291. IF: 2,9 Q1 D3	GC09
Caballero-Villarraso J, Pons-Villarta S, Cruces-Párraga J, Navarrete-Pérez A, Camargo A, Moreno JA, Túnez I, Agüera-Morales E. Molecular Mechanisms of the Microbiota-Gut-Brain Axis in the Onset and Progression of Stroke. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms262010071. IF: 4,9 Q1 D3	GC09
Frantzi M, Morillo AC, Lendinez G, Blanca A, Ruiz DL, Parada J, Heidegger I, Culig Z, Mavrogeorgis E, Beltran AL, Mora-Ortiz M, Carrasco-Valiente J, Mischak H, Medina RA, Hernandez PC, Gómez EG. Validation of a Urine-Based Proteomics Test to Predict Clinically Significant Prostate Cancer: Complementing mpMRI Pathway. PATHOBIOLOGY. 2025. 99-108. DOI:10.1159/000542465. IF: 2 Q2 D5	GC09
Perez-Jimenez M, Ucles-Torrente MD, Ruiz-Gamarra GE, Vaquero-Alvarez M, Blancas-Sánchez IM, Aparicio-Martinez P, Vaquero-Abellán M. Social Media Consumption and Risk of Addiction Associated with Adolescent Disordered Eating Behaviour: An Observational Analysis. NUTRIENTS. 2025. -. DOI:10.3390/nu17183017. IF: 5 Q1 D2	GC09
Bikdeli B, Leyva H, Muriel A, Lin ZQ, Piazza G, Khairani CD, Rosovsky RP, Mehdi pour G, O'Donoghue ML, Madridano O, Lopez-Saez JB, Mellado M, Brasero AMD, Grandone E, Spagnolo PA, Lu Y, Bertoletti L, López-Jiménez L, Núñez MJ, Blanco-Molina A, Gerhard-Herman M, Goldhaber SZ, Bates SM, Jimenez D, Krumholz HM, Monreal M. Sex differences in treatment strategies for pulmonary embolism in older adults: The SERIOUS-PE study of RIETE participants and US Medicare beneficiaries. VASCULAR MEDICINE. 2025. 58-66. DOI:10.1177/1358863X241292023. IF: 3,3 Q2 D4	GC09
Pérez-Bonilla M, Borrego PD, Mora-Ortiz M, Fernández-Baillo R, Muñoz-Alcaraz MN, Mayordomo-Riera FJ, López EG. Relationship Between Voice Analysis and Functional Status in Patients with Amyotrophic Lateral Sclerosis. AUDIOLOGY RESEARCH. 2025. -. DOI:10.3390/audiolres15030053. IF: 1,8 Q2 D5	GC09

PUBLICATIONS	IMIBIC GROUP
Ponce-Díaz FJ, Ruiz-Pino F, Garrido-Rodríguez M, Prados-González ME, Uceda-Rodríguez E, Cerero-Tejero L, Guerrero-Ruiz Y, Sanchez-Garrido MA, Muñoz E, Tena-Sempere M. Cannabidiol improves metabolic profiles and alleviates liver inflammation and fibrosis in conditions of androgenic obesity and polycystic ovary syndrome. DIABETES OBESITY & METABOLISM. 2025. 6027-6031. DOI:10.1111/dom.16602. IF: 5,7 Q1 D2	GC10
Rodríguez-Vázquez E, Aranda-Torrecillas A, López-Sancho M, Jiménez-Puyer M, Daza-Dueñas S, Barroso A, Sobrino V, Gaytan F, Obis E, Castellano JM, Tena-Sempere M. Central lipid sensing pathways contribute to the control of puberty and its alterations in conditions of obesity. AMERICAN JOURNAL OF PHYSIOLOGY-ENDOCRINOLOGY AND METABOLISM. 2025. E675-E694. DOI:10.1152/ajpendo.00493.2024. IF: 3,1 Q2 D3	GC10
Cools M, Krausz C, Juul A, Macut D, Andersen MS, Andersson AM, Andoniadou CL, Ahmed SF, Bakker J, Bashamboo A, Behre HM, Bonomi M, Busch AS, De Roo C, Dessens A, Fakhar-I-Adil M, Fanelli F, Fisher AD, Flück C, Gambineri A, Giwercman A, Gravholt CH, Hannema S, Heindryckx B, Hiort O, Hornig NC, Howard S, Ibáñez L, Jensen MB, Jorgensen N, Livadas S, Lucas-Herald A, Mastorakos G, Meriggiola MC, Ong K, Palibrk MO, Pignatelli D, Pitteloud N, Meyts ERD, Rey R, Robeva R, Pozza C, Schlatt S, Spaggiari G, Tack L, Tena-Sempere M, Tournaye H, T'Sjoen G, Van Mello N, Vena W, Yildiz BO, de Zegher F. EndoCompass project: research roadmap for reproductive and developmental endocrinology. EUROPEAN JOURNAL OF ENDOCRINOLOGY. 2025. ii97-ii116. DOI:10.1093/ajendo/lvaf069. IF: 5,2 Q1 D2	GC10
Cools M, Krausz C, Juul A, Macut D, Andersen MS, Andersson AM, Andoniadou CL, Ahmed SF, Bakker J, Bashamboo A, Behre HM, Bonomi M, Busch AS, De Roo C, Dessens A, Fakhar-I-Adil M, Fanelli F, Fisher AD, Flück C, Gambineri A, Giwercman A, Gravholt CH, Hannema S, Heindryckx B, Hiort O, Hornig NC, Howard S, Ibáñez L, Jensen MB, Jorgensen N, Livadas S, Lucas-Herald A, Mastorakos G, Meriggiola MC, Ong K, Palibrk MO, Pignatelli D, Pitteloud N, Meyts ERD, Rey R, Robeva R, Pozza C, Schlatt S, Spaggiari G, Tack L, Tena-Sempere M, Tournaye H, T'Sjoen G, Van Mello N, Vena W, Yildiz BO, De Zegher F. EndoCompass Project: Research Roadmap for Reproductive and Developmental Endocrinology. HORMONE RESEARCH IN PAEDIATRICS. 2025. 121-143. DOI:10.1159/000549203. IF: 2,7 Q1 D2	GC10
Argente J, Farooqi IS, Chowen JA, Kühnen P, López M, Morselli E, Gan HW, Spoudeas HA, Wabitsch M, Tena-Sempere M. Hypothalamic obesity: from basic mechanisms to clinical perspectives. LANCET DIABETES & ENDOCRINOLOGY. 2025. 57-68. DOI:10.1016/S2213-8587(24)00283-3. IF: 41,8 Q1 D1	GC10
Vazquez MJ, Daza-Dueñas S, Velasco I, Ruiz-Pino F, Sanchez-Tapia MJ, Manfredi-Lozano M, Torres-Granados C, Barroso A, Roa J, Sánchez-Garrido MA, Dieguez C, Lomniczi A, Nogueiras R, Tena-Sempere M. Hypothalamic SIRT1-mediated regulation of the hormonal trigger of ovulation and its repression in energy deficit. METABOLISM-CLINICAL AND EXPERIMENTAL. 2025. -. DOI:10.1016/j.metabol.2024.156125. IF: 11,9 Q1 D1	GC10
González-Vila A, Ibrahim-Alasoufi AM, Luengo-Mateos M, Pardo-Garcia V, Diaz-López A, Fernández-Rodríguez B, Poutanen M, Ohlsson C, Tena-Sempere M, Diéguez-González C, García-García MD, Barca-Mayo O. IL-6 decodes sex and diet-dependent circadian and metabolic rhythms. MOLECULAR METABOLISM. 2025. -. DOI:10.1016/j.molmet.2025.102171. IF: 6,6 Q1 D2	GC10
Cotellessa L, Sobrino V, Silva MSB, Delit M, Maitre H, Caron E, Ternier G, Lima ND, Lhomme T, Giton F, Sorrentino A, Carraresi L, Di Nardo G, Nogueiras R, Tena-Sempere M, Prevot V, Giacobini P. Preventing and correcting polycystic ovary syndrome by targeting anti-Mu<euro>llerian hormone signaling in minipuberty and adulthood in mice. CELL METABOLISM. 2025. 1260-1276. DOI:10.1016/j.cmet.2025.03.013. IF: 30,9 Q1 D1	GC10
Freire-Agulleiro O, Estevez-Salguero A, Ferreira V, Holleman CL, Garcia-Curras J, Gonzalez-Garcia I, Nogueiras R, Tena-Sempere M, Garcia-Caceres C, Dieguez C, Lopez M. SF1-specific deletion of the energy sensor AMPKγ2 induces obesity. MOLECULAR METABOLISM. 2025. -. DOI:10.1016/j.molmet.2024.102091. IF: 6,6 Q1 D2	GC10
Palomino-Fernández L, Velasco I, Pastor-Villaescusa B, Flores-Rojas K, Rico MD, Roa J, Gil A, Gil-Campos M. Metabolic and inflammatory status in prepuberty and early adulthood for individuals with a history of extrauterine growth restriction: a cohort study. JOURNAL OF TRANSLATIONAL MEDICINE. 2025. -. DOI:10.1186/s12967-024-06053-2. IF: 7,5 Q1 D2	GC10

PUBLICATIONS	IMIBIC GROUP
Porras-Pérez E, Romero-Cabrera JL, Díaz-Cáceres A, Serrán-Jiménez A, Arenas-Montes J, Peña-Orihuela PJ, De-Castro-Burón I, García-Ríos A, Torres-Peña JD, Malagón MM, Delgado-Lista J, Ordovás JM, Yubero-Serrano EM, Pérez-Martínez P. Food Insecurity and Its Cardiovascular Implications in Underresourced Communities. JOURNAL OF THE AMERICAN HEART ASSOCIATION. 2025. -. DOI:10.1161/JAHA.124.037457. IF: 5,3 Q1 D2	GC11
Lecube A, Galindo RJ, Salinas-Roca B, Marina I, Ciudin A, Crujeiras AB, Morales C, Azriel S, Gomez-Blasco R, Bustos C, Butragueño J, Flores L, Umpierrez GE, Malagon MM. Awareness of obesity's causes is not linked to less Weight-Related bias. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-32682-8. IF: 3,9 Q1 D2	GC11
Ziegler DV, Parashar K, Leal-Esteban L, López-Alcalá J, Castro W, Zanou N, Martinez-Carreres L, Huber K, Berney XP, Malagón MM, Roger C, Berger MA, Gouriou Y, Paone G, Gallart-Ayala H, Sflosos G, Ronchi C, Ivanisevic J, Briskin C, Rieusset J, Irving M, Fajas L. CDK4 inactivation inhibits apoptosis via mitochondria-ER contact remodeling in triple-negative breast cancer. NATURE COMMUNICATIONS. 2025. -. DOI:10.1038/s41467-024-55605-z. IF: 15,7 Q1 D1	GC11
Sánchez-Ceinos J, Townsend BC, Tercero-Alcázar C, López-Alcalá J, Ortea I, Morales-Conde S, Pereira-Cunill JL, García-Luna PP, Cano DA, Malagón MM, Guzmán-Ruiz R. Obesity duration is linked to bariatric surgery outcomes via adipose tissue response. JOURNAL OF ENDOCRINOLOGY. 2025. -. DOI:10.1530/JOE-25-0013. IF: 3,9 Q2 D3	GC11
Young EJ, Kirst H, Dwyer ME, Vermaas JV, Kerfeld CA. Quantitative Measurement of Molecular Permeability to a Synthetic Bacterial Microcompartment Shell System. ACS SYNTHETIC BIOLOGY. 2025. 1405-1413. DOI:10.1021/acssynbio.4c00290. IF: 3,9 Q1 D3	GC11
Lecube A, Azriel S, Barreiro E, Blay G, Carretero-Gómez J, Ciudin A, Fernández JM, Flores L, de Hollanda A, Martínez E, Miñambres I, Moizé V, Morales C, Ramírez V, Salvador J, Soler MJ, Supervía M, Valenti V, Vicente-Rodríguez G, Vilarrasa N, Malagón MM. The Spanish GIRO Guideline: A Paradigm Shift in the Management of Obesity in Adults. OBESITY FACTS. 2025. 375-387. DOI:10.1159/000544880. IF: 4,7 Q1 D2	GC11
Lluch A, Latorre J, Espadas I, Oliveras-Cañellas N, Moreno-Navarrete JM, Caballano-Infantes E, Sarker G, Malvido NF, Garrido-Gil P, Labandeira-García JL, Nakaya N, Mora S, Chicano E, López-Alcalá J, Malagón MM, Martín-Montalvo A, Zhang BR, Zhou Y, Domingos AI, López M, Pörschke J, Gómez-Serrano M, Szymanski W, Graumann J, Tomarev SI, González-García I, Fernández-Real JM, Ortega FJ. Defective Olfactomedin-2 connects adipocyte dysfunction to obesity. NATURE COMMUNICATIONS. 2025. -. DOI:10.1038/s41467-025-62430-5. IF: 15,7 Q1 D1	GC11
Frías M, Chicano-Gálvez E, Rivero-Juárez A, Gordon A, Corona-Mata D, Moyano JM, Peralbo-Molina A, Camacho A, Pérez-Valero I, Malagón MD, Rivero A. Afamin and Apolipoprotein F Associated With Liver Steatosis From People Living With HIV: A Discovery Study. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2025. 1767-1774. DOI:10.1111/apt.70119. IF: 6,7 Q1 D1	GC11
Jiménez-Peinado A, Laguna-Muñoz D, Jaén-Moreno MJ, Camacho-Rodríguez C, del Pozo GI, Vieta E, Caballero-Villarraso J, Rico-Villademoros F, Sarramea F. Respiratory disease in people with major depressive disorder: A systematic review and Meta-analysis. EUROPEAN PSYCHIATRY. 2025. -. DOI:10.1192/j.eurpsy.2025.13. IF: 6,7 Q1 D1	GC12
Garrido DT, Moreno MVG, Rodelo-Haad C, Puertas PIC, Cabrera SS, González MDA. Peritoneal scintigraphy and spect/tc in the diagnosis of leaks in patients on peritoneal dialysis. REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR. 2025. -. DOI:10.1016/j.remn.2024.500067. IF: 1 Q4 D	GC13
Obrero T, de Mier MVPR, Gordillo-Arnaud JE, Moral MJJ, Vidal V, Guerrero F, Carmona A, Rodríguez-Ortiz ME, Torralbo AI, Ojeda R, Moyano C, Sanchez-Ramade M, Mesa J, López-Ruiz DJ, Valdés-Díaz K, García-Sáez RM, Jurado-Montoya D, Rodelo-Haad C, Alvarez-Benito M, Glorieux G, Rodríguez M, Soriano-Cabrera S, Muñoz-Castañeda JR. Probiotic Supplementation in Chronic Kidney Disease: Outcomes on Uremic Toxins, Inflammation, and Vascular Calcification from Experimental and Clinical Models. TOXINS. 2025. -. DOI:10.3390/toxins18010006. IF: 4 Q1 D3	GC13
Moyano-Peregrin C, Rodelo-Haad C, Martín-Malo A, Muñoz-Castañeda JR, Ojeda R, Lopez-Lopez I, Rodríguez M, de Mier MVPR, Santamaría R, Soriano S. Upper normal serum magnesium is associated with a reduction in incident death from fatal heart failure, coronary heart disease and stroke in non-dialysis patients with CKD stages 4 and 5. CLINICAL KIDNEY JOURNAL. 2025. -. DOI:10.1093/ckj/sfae390. IF: 4,6 Q1 D2	GC13

PUBLICATIONS	IMIBIC GROUP
Guerrero F, Carmona A, Jiménez MJ, Ariza F, Obrero T, Berdud I, Carrillo-Carrión C, Rodríguez M, Soriano S, Muñoz-Castañeda JR, Martín-Malo A. New biomarkers of inflammation associated with haemodialysis. CLINICAL KIDNEY JOURNAL. 2025. -. DOI:10.1093/ckj/sfaf223. IF: 4,6 Q1 D2	GC13
García-Sáez RM, Rodríguez M. Cross-Species Molecular Similarities Based on Omics Approaches in CKD: Toward Improved Translation From Pre-Clinical Models to Humans. PROTEOMICS. 2025. -. DOI:10.1002/pmic.202400136. IF: 3,9 Q1 D3	GC13
Díaz-Tocados JM, Lloret MJ, Domínguez-Coral JD, Aranda APT, de Arizón LF, Jiménez EM, Bover J, Valdivielso JM, Rodríguez-Ortiz ME. Magnesium Balance in Chronic Kidney Disease: Mineral Metabolism, Immunosuppressive Therapies and Sodium-Glucose Cotransporter 2 Inhibitors. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26125657. IF: 4,9 Q1 D3	GC13
Rodelo-Haad C, Rodríguez-Ortiz ME, Garcia-Sáez R, Rivas-Domínguez A, Jurado-Montoya D, Martín-Malo A, Rodríguez M, de Mier MVPR, Muñoz-Castañeda JR. The true cost of phosphate control in chronic kidney disease. CLINICAL KIDNEY JOURNAL. 2025. i46-i60. DOI:10.1093/ckj/sfae434. IF: 4,6 Q1 D2	GC13
Rodríguez-Ortiz ME, Díaz-Tocados JM, Torralbo AI, Valdés-Díaz K, Rivas-Domínguez A, Guerrero F, Reina-Alfonso I, Naves-Díaz M, Alonso-Montes C, Rodelo-Haad C, Rodríguez M, Muñoz-Castañeda JR. Impact of elevated sclerostin levels on bone resorption unravelling structural changes and mineral metabolism disruption. BONE & JOINT RESEARCH. 2025. 448-462. DOI:10.1302/2046-3758.145.BJR-2024-0227.R1. IF: 5,1 Q1 D1	GC13
Raya AI, Vidal A, López I, Rodríguez M, Aguilera-Tejero E, Pineda C. Phosphorus Restriction Prevents Rapamycin-Induced Kidney Damage in Rats. AMERICAN JOURNAL OF NEPHROLOGY. 2025. 48-57. DOI:10.1159/000541411. IF: 3,2 Q1 D3	GC13
Novillo C, García-Saez RM, Sánchez-Molina L, Rodelo-Haad C, Carmona A, Pinaglia-Tobaruela G, Membrives-González C, Jurado D, Santamaría R, Muñoz-Castañeda JR, Martín-Malo A, Rodríguez M, Soriano S, Pendon-RuizdeMier V. The Phosphate/Urea Nitrogen Ratio in Urine-A Method to Assess the Relative Intake of Inorganic Phosphate. NUTRIENTS. 2025. -. DOI:10.3390/nu17213323. IF: 5 Q1 D2	GC13
Novillo-Sarmiento C, García-Sáez RM, Rivas-Domínguez A, Torralba-Duque A, Rodelo-Haad C, Rodríguez-Ortiz ME, Muñoz-Castañeda JR, de Mier MVPR. Phosphate and Inflammation in Health and Kidney Disease. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms27010408. IF: 4,9 Q1 D3	GC13
Castón JJ, Aparicio C, Paez-Vega A, López LP, García E, Martín C, Ruiz-Arabi E, Cuesta-Casas MA, Bermúdez-Rodriguez MA, Cerezo-Martín JM, González-Sierra PA, Machuca I, Domínguez FMM, Saldaña-Moreno R, Herrera C, Torre-Cisneros J. Impact of CMV-specific immune reconstitution at the end of letermovir prophylaxis on the development of late cytomegalovirus infection in haematopoietic stem cell transplant recipients (INMUNOEND): a protocol for a prospective, observational, multicentre study. BMJ OPEN. 2025. -. DOI:10.1136/bmjopen-2025-101289. IF: 2,3 Q2 D3	GC14
Cavazza A, Molina-Estévez FJ, Reyes AP, Ronco V, Naseem A, Malensek S, Pecan P, Santini A, Heredia P, Aguilar-González A, Boulaiz H, Ni QQ, Cortijo-Gutierrez M, Pavlovic K, Herrera I, de la Cerda B, Garcia-Tenorio EM, Richard E, Granados-Principal S, López-Márquez A, Köber M, Stojanovic M, Vidakovic M, Santos-Garcia I, Blázquez L, Haughton E, Yan DN, Sánchez-Martín RM, Mazini L, Aseguinolaza GG, Miccio A, Rio P, Desviat LR, Gonçalves MAFV, Peng L, Jiménez-Mallebrera C, Molina FM, Gupta D, Lainscek D, Luo YL, Benabdellah K. Advanced delivery systems for gene editing: A comprehensive review from the GenE-HumDi COST Action Working Group. MOLECULAR THERAPY NUCLEIC ACIDS. 2025. -. DOI:10.1016/j.omtn.2025.102457. IF: 6,1 Q1 D2	GC14
Maestre-Luque LC, Gonzalez-Manzanares R, Hidalgo F, de Lezo JS, Romero M, Gutiérrez-Barrios A, Gallo I, Herrera C, Espejo-Perez S, Fernández-López O, Alcázar-Caballero RM, Ojeda S, Pan M. Intracoronary infusion of autologous bone marrow mononuclear cells in patients with chronic total occlusions and left ventricular dysfunction: the BMMC/CTO trial. STEM CELL RESEARCH & THERAPY. 2025. -. DOI:10.1186/s13287-025-04854-w. IF: 7,3 Q1 D1	GC14

PUBLICATIONS	IMIBIC GROUP
Serrano J, Martínez-Cuadrón D, Gil C, Bernal T, Tormo M, Martínez-Sánchez P, Rodríguez-Medina C, Herrera P, Simón JAP, Sayas MJ, Bergua J, Lavilla-Rubira E, Amigo M, Benavente C, Lorenz JLL, Pérez-Encinas MM, Vidriales MB, Aparicio-Pérez C, de la Torre EP, Colorado M, de Rueda B, García-Boyero R, Marini S, García-Suárez J, López-Pavía M, Gómez-Roncero MI, Noriega V, López A, Labrador J, Cabello A, Sossa C, Algarra L, Stevenazzi M, Torres L, Boluda B, Sánchez-Garcia J, Montesinos P. Autologous or Allogeneic Hematopoietic Stem Cell Transplantation as Front-Line Treatment for Adult Secondary Acute Myeloid Leukemia Patients: The PETHEMA Registry Experience. TRANSPLANTATION AND CELLULAR THERAPY. 2025. 299.e1-299.e14. DOI:10.1016/j.jtct.2025.02.011. IF: 4,4 Q1 D2	GC14
Munárriz D, Pérez-Lopez E, Rodríguez CM, Luque M, Esquirol A, Calvo CM, Aparicio C, Peña-Muñoz F, Fernando IH, Ormtegi IO, Marín AJS, Fernández-Luis S, Domínguez-García JJ, Fernández SV, Lopez-Lorenzo JL, Fleitas CA, González-Rodriguez AP, García L, Torrado T, Filaferro S, Balsalobre P, Cascon MJP, Rovira M, Salas MQ. Donor age as an independent predictor of inferior outcomes after haploidentical hematopoietic cell transplantation in acute myeloid leukemia. Study conducted on behalf of GETH-TC. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1700463. IF: 5,9 Q1 D2	GC14
Cabezas-Rodriguez JA, Biarnes C, Marti-Navas M, Pineda V, Comas-Cufi M, Pardo-Galiana B, Zapata-Arriaza E, Pinero P, Aguera-Morales E, Valverde R, Ortega-Quintanilla J, Ainz-Gomez L, Baena-Palomino P, Gutierrez I, Medina-Rodriguez M, Ocete-Perez R, Gamero MA, de Alboniga-Chindurza A, Hermosin A, Aguilar-Perez M, Villagran D, Escamilla-Gomez V, Calderon-Cabrera C, Nogueras S, Jimenez R, Martin V, Herrera C, Delgado F, Gonzalez A, Montaner J, Puig J, Moniche F. Diffusion Tensor Imaging Study After Intraarterial Cell Therapy in Acute Ischemic Stroke: A Substudy of the IBIS Randomized Clinical Trial. STROKE. 2025. 2198-2209. DOI:10.1161/STROKEAHA.124.050261. IF: 8,9 Q1 D1	GC14
Salinas P, Romaguera R, Gómez-Lara J, Brugaletta S, Gómez-Menchero A, Martín P, Romero M, García-Blas S, Jiménez M, Jiménez VA, Bordes P, Bayón J, Salvatella N, Alameda M, Hyun-Lee D, Trillo-Nouche R, López-Benito M, Frutos A, Moreu J, del Blanco BG, Mohandes M, Ojeda FB, Hernández FH, Pinar-Bermúdez E, Jiménez-Quevedo P, Rosselló X, Pocock S, Sabaté M, Gómez-Hospital JA, Comin-Colet J, Gonzalo N, Ortiz AF, SUGAR Trial Investigators. Amphilimus-eluting versus zotarolimus-eluting stents in patients with diabetes mellitus and coronary artery disease: extended follow-up of the SUGAR randomised controlled trial. HEART. 2025. 1191-1198. DOI:10.1136/heartjnl-2025-325773. IF: 4,4 Q1 D3	GC15
Esteban-Fernández A, Anguita-Sánchez M, Rosillo N, Bonilla-Palomas JL, Sobrino JLB, del Prado N, Pérez CF, Padial LR, Somoza FJE. Analysis of clinical features and prognosis in cardiac amyloidosis patients from Spanish hospitals (2016-2021). REVISTA CLINICA ESPANOLA. 2025. 131-139. DOI:10.1016/j.rce.2024.10.007. IF: 1,7 Q2 D4	GC15
Ibanez B, Latini R, Rossello X, Dominguez-Rodriguez A, Fernández-Vazquez F, Pelizzoni V, Sánchez PL, Anguita M, Barrabés JA, Raposeiras-Roubín S, Pocock S, Escalera N, Staszewsky L, Pérez-García CN, Díez-Villanueva P, Pérez-Rivera JA, Prada-Delgado O, Owen R, Pizarro G, Caldes O, Gómez-Talavera S, Tuñón J, Bianco M, Zarauza J, Vetrano A, Campos A, Martínez-Huertas S, Bueno H, Puentes M, Grigis G, Bonilla-Palomas JL, Marco E, González-Juanatey JR, Bangueses R, González-Juanatey C, García-Alvarez A, Ruiz-García J, Carrasquer A, García-Rubira JC, Pascual-Figal D, Tomás-Querol C, San Román JA, Baratta P, Agüero J, Martín-Reyes R, Colivicchi F, Ortas-Nadal R, Bazal P, Cordero A, Fernández-Ortiz A, Basso P, González E, Poletti F, Bugani G, Debiasio M, Cosmi D, Navazio A, Bermejo J, Tortorella G, Marini M, Botas J, de la Torre-hernández JM, Ottani F, Fuster V. Beta-Blockers after Myocardial Infarction without Reduced Ejection Fraction. NEW ENGLAND JOURNAL OF MEDICINE. 2025. 1889-1900. DOI:10.1056/NEJMoa2504735. IF: 78,5 Q1 D1	GC15
Sánchez-Recalde A, Domínguez-Rodríguez LM, Rosseel L, Nombela-Franco L, Pfister R, Amat-Santos I, Butter C, Di Mauro M, Cruz-González I, Freixa X, Swaans M, Wilde C, Cacela D, Sarnago F, del Trigo M, Estévez-Loureiro R, López-Mínguez JR, De Torres F, Montenegro M, Pérez-Fernández R, Guzman G, Pajín F, Mylotte D, Pan MN, Kristoff C, Carrillo-Suarez X, Torre JMD, Quevedo VR, Salido L, Parraga R, Althoff J, Fernández-Cordón C, Guarracini S, Lopez-Tejero S, Altisent OAJ, Lautenschläger L, Ramos R, Puri R, Zamorano JL. Bicaval TricValve Implantation in Patients With Severe Tricuspid Regurgitation 1-Year Outcomes From the TricBicaval Registry. JACC-CARDIOVASCULAR INTERVENTIONS. 2025. 1913-1924. DOI:10.1016/j.jcin.2025.06.023. IF: 11,4 Q1 D1	GC15

PUBLICATIONS	IMIBIC GROUP
Marschall A, García-Guimaraes M, Sanz-Ruiz R, Sabaté M, Velazquez-Martín M, Veiga G, Pérez-Guerrero A, Avanzas P, Cortés C, Macaya F, Ojeda S, Jimenez-Kockar M, Roura G, Cid B, Bastante T, del Val D, Alfonso F. Clinical and Prognostic Implications of Precipitating Factors in Patients With Spontaneous Coronary Artery Dissection. AMERICAN JOURNAL OF CARDIOLOGY. 2025. 247-254. DOI:10.1016/j.amjcard.2025.10.012. IF: 2,1 Q3 D	GC15
Salinas GLA, León AM, Cano DA, Esteban-Fernández A, Flórez JMV, Díaz SD, Górriz-Magaña J, Delgado GD, González-Manzanares R, Caravaca-Pérez P, Pastor-Pérez FJ, Valdivieso-Moré S, Quiles J, Ponz I, Escolar V, Lincango EOB, Báez-Ferrer N, Gallego G, Almenar L, de la Varga LG, Codina P, Mayoral AR, Fort A, Lozano MJP, González-Calle D, Gómez-Otero I, Mosteiro CS, Cobo M, Piqueras-Flores J, Bonanad C, Huerta A, Vallverdú MF, Díez-Villanueva P. Clinical utility and safety of finerenone in patients with heart failure: Rationale and design of FINE registry. ESC HEART FAILURE. 2025. 3163-3172. DOI:10.1002/ehf2.15260. IF: 3,7 Q1 D3	GC15
Anguita M, Marín F, Soto J, de Cabo SF, Rubio-Rodríguez D, Rubio-Terrés C. Cost-effectiveness of apixaban in non-valvular atrial fibrillation (NVAf) based on effectiveness data from a Spanish study in clinical practice (real-world evidence). EXPERT REVIEW OF CARDIOVASCULAR THERAPY. 2025. 45-51. DOI:10.1080/14779072.2025.2464180. IF: 2,1 Q3 D	GC15
Raposeiras-Roubin S, Amat-Santos IJ, Rossello X, Ferreiro RG, Bermúdez IG, Otero DL, Nombela-Franco L, Gheorghe L, Díez JL, Zorita CB, Baz JA, García AJM, Vilalta V, Ojeda-Pineda S, Hernández JMD, Soriano JGC, Regueiro A, Siscar PB, Fernández JS, del Blanco BG, Martín-Reyes R, Romaguera R, Moris C, Blas SG, Franco-Peláez JA, Cruz-González I, Arzamendi D, Rodríguez NR, Hoyo FDD, Freire SC, Ojeda FB, Burgo JCA, Navarro EM, Borrego JC, Quevedo VR, Sánchez-Recalde A, Disdier VP, Alegría-Barrero E, Torres-Llergo J, Feltes G, Díaz JAF, Cuellas C, Britez GJ, Lezcano JSR, Barreiro-Pardal C, Núñez-Gil I, Abu-Assi E, Iñiguez-Romo A, Fuster V, Ibáñez B. Dapagliflozin in Patients Undergoing Transcatheter Aortic-Valve Implantation. NEW ENGLAND JOURNAL OF MEDICINE. 2025. 1396-1405. DOI:10.1056/NEJMoa2500366. IF: 78,5 Q1 D1	GC15
van Royen N, Amat-Santos IJ, Hudec M, Bunc M, Ijsselmuiden A, Laanmets P, Unic D, Merkely B, Hermanides RS, Ninios V, Protasiewicz M, Rensing BJWM, Martin PL, Feres F, Almeida MD, van Belle E, Linke A, Ielasi A, Montorfano M, Webster M, Toutouzas K, Teiger E, Bedogni F, Voskuil M, Pan MN, Ångeras O, Kim WK, Rothe J, Kristic I, Peral V, van den Branden B, Westermann D, Bellini B, García-Gomez M, Tobe A, Tsai TY, Garg S, Thakkar A, Chandra U, Morice MC, Soliman O, Onuma Y, Serruys PW, Baumbach A. Early outcomes of the novel Myval THV series compared to SAPIEN THV series and Evolut THV series in individuals with severe aortic stenosis. EUROINTERVENTION. 2025. e105-e118. DOI:10.4244/EIJ-D-24-00951. IF: 9,5 Q1 D1	GC15
Echarte-Morales J, Sanchis L, Arzamendi D, Moñivas V, Carrasco-Chinchilla F, Pan MN, Nombela-Franco L, Pascual I, Benito-González T, Pérez R, Gomez-Blázquez I, Amat-Santos IJ, Cruz-González I, Sánchez-Recalde A, Alvarez ABC, Barreiro-Pérez M, Cepas-Guillén P, Li CH, del Trigo M, Martínez-Carmona JD, Mesa D, Mahia P, Avanzas P, González-García A, Freixa X, Estévez-Loureiro R. Edge-to-edge tricuspid valve repair and heart failure hospitalizations: the TRI-SPA registry. REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 800-810. DOI:10.1016/j.rec.2025.02.015. IF: 4,9 Q1 D2	GC15
Rossello X, Sánchez PL, Owen R, Raposeiras-Roubin S, Poletti F, Barrabés JA, Anguita M, Dominguez-Rodriguez A, Lombardi M, Pocock S, Díez-Villanueva P, Vives-Borrás M, Rollán MJ, D'Orazio S, Escalera N, Isabel-Santos A, Chiampan A, de Diego O, López-Benito M, Moreno E, Rincón-Díaz LM, París H, Latini R, Fuster V, Ibanez B. Effect of beta blocker withholding or withdrawal after myocardial infarction without reduced ejection fraction on ischaemic events: a post hoc analysis from the REBOOT trial. EUROINTERVENTION. 2025. -. DOI:10.4244/EIJ-D-25-00826. IF: 9,5 Q1 D1	GC15
Bonanad-Lozano C, Blas SG, Amat-Santos I, Gonzalez-Manzanares R, Sanchis J, Otero DL, Franco LN, Gheorge L, Sanz-Sanchez J, Zorita CB, Romo AI, Garcia AJM, Vilalta V, Ojeda S, Fernandez GV, Soriano JGC, Cepas P, Rollán MS, Rios XF, Palma-Carbajal R, Reyes RM, Romaguera R, Avanzas P, Franco-Pelaez JM, Moreiras JM, Juanatey JRG, Tirado G, Calle G, Díez JL, Santos-Martínez S, Erquicia PD, García EM, Fernandez-Nofrerias E, Pais JL, Gonzalo N, Barri AG, Asmarats L, Perez ML, Rodriguez LMD, Cobo M, Bermudez IG, Alvarez AG, Pavia PG, Fuster V, Ibanez B, Raposeiras-Roubin S. Effect of Dapagliflozin on Quality of Life of Patients With Aortic Stenosis Undergoing Transcatheter Aortic Valve Implantation. JACC-JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 2025. 1128-1138. DOI:10.1016/j.jacc.2025.07.051. IF: 22,3 Q1 D1	GC15

PUBLICATIONS	IMIBIC GROUP
Davison BA, Abbate A, Cotter G, Pascual-Figal D, Van Tassell B, Villota JN, Atabaeva L, Freund Y, Aimo A, Biegus J, Golino M, Del Buono MG, Chioncel O, Cohen-Solal A, Edwards C, Fernández-Villa N, Filippatos G, González-Juanatey JR, Hayrapetyan H, Ibáñez B, Iborra PL, Moroni F, ter Maaten JM, Markley R, González-Martín J, Martínez-Sellés M, Drambyan M, Metra M, Mirabet S, Mshetsyan A, Novosadova M, Pagnesi M, Ponikowski P, Riquelme-Pérez A, Sadoune M, Sánchez MA, Simon T, Taibo-Urquía M, Takagi K, Villar S, Liu C, Voors AA, Mebazaa A, Mann DL, Bayés-Genís A. Effects of anti-inflammatory therapy in acute heart failure: a systematic review and meta-analysis. HEART FAILURE REVIEWS. 2025. 575-587. DOI:10.1007/s10741-025-10491-5. IF: 4,2 Q1 D3	GC15
Ruberti A, Cepas-Guillén P, Echarte-Morales J, Arzamendi D, Moñivas V, Carrasco-Chinchilla F, Pan MN, Nombela-Franco L, Pascual I, Guerreiro CE, Benito-González T, Pérez R, Gomez-Blázquez I, Amat-Santos IJ, Flores-Umanzor E, Cruz-González I, Sánchez-Recalde A, Alvarez ABC, Barreiro-Pérez M, Sanchis L, Li CH, Caneiro-Queija B, del Trigo M, Martínez-Carmona JD, Mesa D, Quevedo PJ, Avanzas P, Estévez-Loureiro R, Freixaa X. Efficacy of transcatheter edge-to-edge repair for cardiac implantable electronic device-associated tricuspid regurgitation: insights from the TRI-SPA registry. REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 863-875. DOI:10.1016/j.rec.2025.01.010. IF: 4,9 Q1 D2	GC15
Mediavilla I, Anguita M, Franco AG, Leal M, Soto JF. Healthcare Models and Quality Indicators in the Management of Patients with Heart Failure in Spain: Results from the CARABELA-HF Initiative. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14103378. IF: 2,9 Q1 D2	GC15
Gil-Millan P, Gimeno-Orna JA, Rodriguez-Padial L, Muniz J, Barrios V, Anguita M, Perez A. HFpEF as the predominant and underrecognized heart failure phenotype in type 2 diabetes: evidence from the DIABET-IC study. CARDIOVASCULAR DIABETOLOGY. 2025. -. DOI:10.1186/s12933-025-02995-z. IF: 10,6 Q1 D1	GC15
Gabani R, Brugaletta S, Bujak K, Pérez-Vizcayno MJ, Jiménez-Quevedo P, Arévalos V, Muñoz-García E, Trillo-Nouche R, del Valle R, Hernández JMD, Salido L, Gutiérrez E, Pan MN, Sánchez-Gila J, del Blanco BG, Moreno R, Mata RB, Oteo JF, Amat-Santos I, Regueiro A, Ten F, Nogales JM, Fernández-Nofrerías E, Andraka L, Ferrer MC, Pinar E, Romaguera R, Ramón CC, Alfonso F, García-Blas S, Piñero A, Ignasi J, Mèndez RD, Bordes P, Meseguer J, Nombela-Franco L, Sabaté M. Impact of gender on in-hospital and long-term outcomes after transcatheter aortic valve implantation: an analysis of the Spanish TAVI registry. REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 338-346. DOI:10.1016/j.rec.2024.08.002. IF: 4,9 Q1 D2	GC15
Pérez-Guerrero A, Vilchez-Tschischke JP, Bonet LA, Gil JLD, Peiró TB, Brugaletta S, Gomez-Lara J, Costello JG, Antuna P, Fernández VA, Cebada FS, García-Cosío MD, Lesmes FH, Granados AL, López-Palop R, Garrido IP, Piris RMC, Sousa DR, Ferre GF. Index microvascular resistance (IMR) in heart transplant patients (IMR-HT study): Study protocol. PLOS ONE. 2025. -. DOI:10.1371/journal.pone.0315053. IF: 2,6 Q2 D4	GC15
Esteban-Fernández A, Anguita-Sánchez M, Rosillo N, Bernal-Sobrino JL, Del Prado N, Fernández-Pérez C, Navarro-Ceballosi C, Corredera-García S, Fernández-Rozas I, Elola-Somoza FJ. Influence of patient characteristics and discharge destination on circulatory system diseases readmissions among older heart failure patients. ARCHIVES OF GERONTOLOGY AND GERIATRICS. 2025. -. DOI:10.1016/j.archger.2024.105660. IF: 3,8 Q2 D4	GC15
Seferovic PM, Polovina M, Savarese G, Milinkovic I, Stanisavljevic D, Lund L, Chioncel O, Abdelhamid M, Lopatin Y, Störk S, Sanchez MA, Piepoli M, Maggioni AP, Jankowska E, Bayes-Genis A, Solal AC, Ristic A, Tokmakova M, Yilmaz MB, Skouri H, Milicic D, Amir O, Rakisheva A, Filippatos G, Rosano G, Metra M, Coats AJ. Insights into the European heart failure epidemiology. EUROPEAN JOURNAL OF HEART FAILURE. 2025. 1950-1960. DOI:10.1002/ehfj.3710. IF: 10,8 Q1 D1	GC15
Peñaranda AS, Peregrina EF, Kockar MJ, del Blanco BG, Romani S, Moreiras JM, Bermúdez EP, Rodrigues A, Ojeda S, López NG, Regueiro A, Frutos AS. New scoring balloon to treat moderate-to-severe calcified coronary lesions. The first-in-man Naviscore study. REC-INTERVENTIONAL CARDIOLOGY. 2025. 91-98. DOI:10.24875/RECICE.M24000484. IF: 1,1 Q4 D	GC15
Echarte-Morales J, Cepas-Guillén P, Arzamendi D, Moñivas V, Carrasco-Chinchilla F, Pan M, Nombela-Franco L, Pascual I, Benito-González T, Pérez R, Gómez-Blázquez I, Amat-Santos IJ, Cruz-González I, Sánchez-Recalde A, Caneiro-Queija B, Alvarez ABC, Barreiro-Pérez M, Sanchis L, Li CH, del Trigo M, Martínez-Carmona JD, Mesa D, Jiménez P, Avanzas P, Freixa X, Estévez-Loureiro R. One-Year Recurrent Tricuspid Regurgitation After Successful Transcatheter Edge to Edge Repair: The TRI-SPA Registry. AMERICAN JOURNAL OF CARDIOLOGY. 2025. 50-58. DOI:10.1016/j.amjcard.2025.02.010. IF: 2,1 Q3 D	GC15

PUBLICATIONS	IMIBIC GROUP
Gámez MA, Palomas JLB, Mayoral AR, Manzanares RG, García JM, Rodríguez NR, Somoza FJE, Fillat AC, Padial LR, Sánchez MA. Outcomes of patients with heart failure followed in units accredited by the SEC-Excelente-IC quality program according to the type of unit. REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 12-21. DOI:10.1016/j.rec.2024.04.017. IF: 4,9 Q1 D2	GC15
Maznyczka A, Arunothayaraj S, Banning AP, Schmitz T, Wlodarczak A, Silvestri M, Egred M, Koning R, Spence MS, Morice MC, Lefevre T, Ferenc M, Cockburn J, Erglis A, Brunel P, Burzotta F, Kretov E, Hovasse T, Pan MN, Clesham G, Chieffo A, Mylotte D, Lindsay M, Christiansen EH, Bouisset F, Vaquerizo B, Lassen JF, Darremont O, Louvard Y, Stankovic G, Hildick-Smith D. Patterns of Restenosis After Left Main Bifurcation Single- or Dual-Stenting: An EBC MAIN Trial Subanalysis. CIRCULATION-CARDIOVASCULAR INTERVENTIONS. 2025. -. DOI:10.1161/CIRCINTERVENTIONS.125.015546. IF: 7,4 Q1 D2	GC15
Poletti E, Amat-Santos I, Criscione E, Rubbio AP, García-Gómez M, Orzalkiewicz M, Pan MN, Sisinni A, Squillace M, del Blanco BG, Bruno F, Panoulas V, Pracon R, De Backer O, Taramasso M, Costaj G, Barbanti M, Van Mieghem NM, Regazzoli D, Mangieri A, Scotti A, Latib A, Saia F, Bedogni F, Testa L. Performance of balloon-expandable transcatheter bioprostheses in inoperable patients with pure aortic regurgitation of a native valve: The BE-PANTHEON international project. CARDIOVASCULAR REVASCULARIZATION MEDICINE. 2025. 28-33. DOI:10.1016/j.carrev.2024.08.007. IF: 2,1 Q3 D	GC15
González-Zamora M, Ambrosio N, González R, Anguita P, Molina A, Herrera D, Sanz M, Marín F, Anguita-Gámez M, Ferrandis R, Vivas D, Anguita M, Figuero E. Perioperative/Periprocedural Antithrombotic Management in Oral Health Procedures. A Prospective Observational Study. DENTISTRY JOURNAL. 2025. -. DOI:10.3390/dj13050196. IF: 3,1 Q1 D2	GC15
Rivera-Caravaca JM, Menichelli D, Pastori D, Soler-Espejo E, Esteve-Pastor MA, Vivas D, Roldan I, Anguita M, Ferreira JL, Roldán V, Marín F. Quality of anticoagulation with vitamin K antagonists in Spain: A systematic review with meta-analysis of national registries. MEDICINA CLINICA. 2025. -. DOI:10.1016/j.medcli.2025.107031. IF: 2,1 Q2 D3	GC15
Hasabo EA, van Royen N, Amat-Santos IJ, Hudec M, Bunc M, Ijsselmuiden A, Laanmets P, Unic D, Merkely B, Hermanides RS, Ninios V, Protasiewicz M, Rensing BJWM, Martin PL, Feres F, Almeida MD, van Belle E, Linke A, Ielasi A, Montorfano M, Webster M, Toutouzas K, Teiger E, Bedogni F, Voskuil M, Pan M, Angeras O, Kim WK, Rothe J, Kristic I, Peral V, Van den Branden BJL, Thakkar A, Chandra U, Ayhan C, Neiroukh D, Nosir MY, Yacoub MS, Ali S, Altamimi M, Elzomor H, Serruys PW, Baumbach A, Soliman O. Quantitative videodensitometric assessment of aortic regurgitation in Myval, Sapien, and Evolut THV series: Results from the LANDMARK trial. IJC HEART & VASCULATURE. 2025. -. DOI:10.1016/j.ijcha.2025.101804. IF: 2,5 Q2 D5	GC15
Alfonso F, Salamanca J, Núñez-Gil I, Ibáñez B, Sanchis J, Sabaté M, Velázquez M, Raposeiras-Roubín S, García-Camarero T, Antuña P, Mejía H, Carrillo X, Buera I, Martínez-Sellés M, Escudier-Villa JM, Sánchez-Prieto J, Ponce EB, Cabezón G, Fernández-Golfín C, Pascual-Figal D, Cid B, Marcano A, González-Manzanares R, Jiménez-Valero S, Vázquez JM, Sanz-Sánchez J, Cecconi A, Del Val D, Abad-Santos F, Crea F. Rationale and design of the beta-blockers in tako-tsubo syndrome study: a randomized clinical trial (β-Tako). REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 592-599. DOI:10.1016/j.rec.2024.12.006. IF: 4,9 Q1 D2	GC15
Sisinni A, Barreiro-Perez M, Freixa X, Arzamendi D, Moñivas V, Carrasco-Chinchilla F, Pan M, Nombela-Franco L, Pascual I, Benito-González T, Perez R, Gómez-Blázquez I, Amat-Santos IJ, Cruz-González I, Sánchez-Recalde A, Alvarez ABC, Sanchis L, Caneiro-Queija B, Li CH, del Trigo M, Martínez-Carmona JD, Mesa D, Pozo E, Avanzas P, Cepas-Guillén P, Estévez-Loureiro R. Real-World Experience in Tricuspid Transcatheter Edge-to-Edge Repair: Transcatheter Tricuspid Valve Repair in Spain Registry. JOURNAL OF THE AMERICAN HEART ASSOCIATION. 2025. -. DOI:10.1161/JAHA.124.037070. IF: 5,3 Q1 D2	GC15
Jurado-Román A, Gómez-Menchero A, Rivero-Santana B, Amat-Santos IJ, Jiménez-Valero S, Caballero-Borrego J, Ojeda S, Miñana G, González-García A, Tébar-Márquez D, Camacho-Freire S, Ocaranza-Sánchez R, Domínguez A, Galeote G, Moreno R. Rotational Atherectomy, Lithotripsy, or Laser for Calcified Coronary Stenosis The ROLLER COASTR-EPIC22 Trial. JACC-CARDIOVASCULAR INTERVENTIONS. 2025. 606-618. DOI:10.1016/j.jcin.2024.11.012. IF: 11,4 Q1 D1	GC15

PUBLICATIONS	IMIBIC GROUP
Basile M, Gómez-Menchero A, Rivero-Santana B, Amat-Santos IJ, Jiménez-Valero S, Caballero-Borrego J, Ojeda S, Miñana G, González-García A, Tébar-Márquez D, Roa-Garrido MJ, Camacho-Freire S, Ocaranza-Sánchez R, Domínguez A, Galeote G, Moreno R, Jurado-Román A. Rotational Atherectomy, Lithotripsy, or Laser for Calcified Coronary Stenosis: One-Year Outcomes From the ROLLER COASTER-EPIC22 Trial. CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS. 2025. 702-710. DOI:10.1002/ccd.31529. IF: 1,9 Q3 D	GC15
Tejerizo FB, Sánchez FC, Bastante T, Alvarez ABC, Alvarez-Fuente M, Domingo EB, Blasco PB, Mata RB, Carrasco JI, Bellon JMC, Lopez JME, Fernández MF, Gomez-Jaume A, Albert BI, Valero SJ, Lalaguna LA, Pineda SO, Guerrero AP, Rodriguez AR, Gila JS, Sanz-Ruiz R, Vázquez-Alvarez ME, Argüelles JIZ. Spanish cardiac catheterization in congenital heart diseases registry. Fourth official report from the ACI-SEC and the GTH-SECPCC (2023). REC-INTERVENTIONAL CARDIOLOGY. 2025. 238-245. DOI:10.24875/RECIC.M25000521. IF: 1,3 Q3 D	GC15
Arunothayaraj S, Egred M, Banning AP, Brunel P, Ferenc M, Hovasse T, Wlodarczak A, Pan MN, Schmitz T, Silvestri M, Erglis A, Kretov E, Lassen JF, Chieffo A, Lefevre T, Burzotta F, Cockburn J, Darremont O, Stankovic G, Morice MC, Louvard Y, Hildick-Smith D. Stepwise Provisional Versus Systematic Dual-Stent Strategies for Treatment of True Left Main Coronary Bifurcation Lesions. CIRCULATION. 2025. 612-622. DOI:10.1161/CIRCULATIONAHA.124.071153. IF: 38,6 Q1 D1	GC15
Bernal-Labrador E, Romaguera R, Garcia-Blas S, Regueiro A, Serra V, Asmarats L, Tizon-Marcos H, Agudelo V, Scardino C, Casanova-Sandoval JM, Rodríguez-Gabella T, Jiménez-Méndez C, Pérez-Rivera A, Robles-Gamboa C, Ayesta A, Díez-Villanueva P, Raposeiras-Roubín S, Amat-Santos IJ, Esteve-Pastor A, Veiga-Fernández G, Anguita M, Martí-Sánchez D, Martínez-Velilla N, Cortés L, Calvo E, Asimbaya S, Formiga F, Ariza-Solé A. Telematic intervention on frailty in patients undergoing TAVI. Design of the TELE-FRAIL TAVI clinical trial. REC-INTERVENTIONAL CARDIOLOGY. 2025. 223-228. DOI:10.24875/RECIC.M25000522. IF: 1,3 Q3 D	GC15
Seferovic PM, Polovina M, Savarese G, Milinkovic I, Lund L, Chioncel O, Abdelhamid M, Lopatin Y, Stoerk S, Sanchez MA, Piepoli M, Maggioni AP, Jankowska E, Bayes-Genis A, Solal AC, Ristic A, Tokmakova M, Yilmaz MB, Skouri H, Milicic D, Amir O, Rakisheva A, Filippatos G, Rosano G, Metra M, Coats AJ. The European heart failure management resources, treatment reimbursement and activities of professional and patient organizations. EUROPEAN JOURNAL OF HEART FAILURE. 2025. 1992-2007. DOI:10.1002/ehjhf.3691. IF: 10,8 Q1 D1	GC15
Ortiz MR, Arbelo E, Rabadan IR, Marin F, Cabeza AP, Rivas RM, Peinado RP, Alberca AV, Cricdo AI, Muñoz AV, Asensi JO, Lechuga AD, Somoza FJE, Sanchez MA. The European Society of Cardiology quality indicators in atrial fibrillation in centers of excellence in Spain: the SEC-EXCELENTE FA registry. REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 389-400. DOI:10.1016/j.rec.2024.08.007. IF: 4,9 Q1 D2	GC15
Bibas N, Pignon C, Lopez-Medina C, Gandjbakhch F, Fautrel B, Gossec L. Ultrasonography for the assessment of enthesitis in psoriatic arthritis: systematic review with meta-analysis. RHEUMATOLOGY. 2025. 2377-2384. DOI:10.1093/rheumatology/keae705. IF: 4,4 Q1 D2	GC15
Rossello X, Prescott EIB, Kristensen AMD, Latini R, Fuster V, Fagerland MW, Pocock SJ, Halvorsen S, Dominguez-Rodriguez A, Holmager TLF, Sanchez PL, Bakken A, Raposeiras-Roubin S, Jensen SE, Kimura T, Ottani F, Lambrechtsen J, Anguita M, Ozasa N, Atar D, Ibanez B, Munkhaugen J. β blockers after myocardial infarction with mildly reduced ejection fraction: an individual patient data meta-analysis of randomised controlled trials. LANCET. 2025. 1128-1137. DOI:10.1016/S0140-6736(25)01592-2. IF: 88,5 Q1 D1	GC15
Asmarats L, Jiménez-Quevedo P, Amat-Santos IJ, Ferrer-Gracia MC, Sarnago F, Alonso-Briales JH, Oteo JF, Serra V, Muntané-Carol G, Vilalta V, del Val D, Pan MN, Hernández JMD, Garcia-Blas S, Díez JL, Berenguer A, Del Valle R, del Amo FN, Artaiz M, Regueiro A, López-Pérez M, van-Roessel AM, Paredes-Vázquez JG, Fernández-Cordón C, de Miguel JAD, Maneiro N, Piserra-López A, De La Fuente J, Muñoz J, Romaguera R, Carrillo X, Alfonso F, Alvarado M, Veiga G, Millán X, Nombela-Franco L, Arzamendi D. Balloon-expandable Versus Self-expanding Valves in Patients With Prior Surgical Mitral Valve Replacement Undergoing Transcatheter Aortic Valve Replacement. CANADIAN JOURNAL OF CARDIOLOGY. 2025. 1480-1489. DOI:10.1016/j.cjca.2025.04.026. IF: 5,3 Q1 D2	GC15
Barreiro L, Roldán A, Aguayo N, Urbano C, Crespín M, López J, González R, Castillo JC, Mesa D, Ruiz M, Perea J, Gallo I, de Lezo JS, Ojeda S, Pan M, Anguita M. Infectious endocarditis on percutaneous aortic valve prosthesis: comparison with surgical bioprostheses. REC-INTERVENTIONAL CARDIOLOGY. 2025. 75-81. DOI:10.24875/RECICE.M24000489. IF: 1,1 Q4 D	GC15

PUBLICATIONS	IMIBIC GROUP
Gallo I, Azzalini L, González-Manzanares R, Moscardelli S, Jurado-Román A, Maestre LC, de Lezo JS, Hidalgo F, Perea J, Díaz M, Ojeda S, Pan M. Mechanical Circulatory Support With Impella in High-Risk Patients With Chronic Total Occlusion and Complex Multivessel Disease. CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS. 2025. 883-890. DOI:10.1002/ccd.31392. IF: 1,9 Q3 D	GC15
Gallo I, Hidalgo F, González-Manzanares R, Alvarado M, Perea J, de Lezo JS, Romero M, Ojeda S, Pan M. Percutaneous treatment of the left main coronary artery in older adults. Impact of frailty on mid-term results. REC-INTERVENTIONAL CARDIOLOGY. 2025. 6-14. DOI:10.24875/RECICE.M24000460. IF: 1,1 Q4 D	GC15
Herrera-Flores J, Vernooij RWM, Ghosh AK, Wechalekar A, Cheng RK, Keramida K, Anguita M, Sanchez PL, del Villar CP, Herrera-Flores C. Prognostic value of right ventricular longitudinal strain assessed by multimodal imaging in amyloidosis: systematic review and meta-analysis. EUROPEAN HEART JOURNAL-CARDIOVASCULAR IMAGING. 2025. 1644-1661. DOI:10.1093/ehjci/jeaf216. IF: 6,6 Q1 D1	GC15
Heredia-Campos G, Rodríguez-Gómez ME, Perea-Armijo J, González-Manzanares R, Castillo-Domínguez JC, Delgado-Ortega M, Crespin-Crespin M, Ruiz-Ortiz M, Mesa-Rubio D, Ladera-Santos D, Iglesias-López R, Calvo-Gutiérrez L, Velarde-Morales L, Osorio MPA, Anguita-Sánchez M, López-Aguilera J. Heart failure with reduced ejection fraction: Influence of gender on clinical characteristics, cardiac remodeling and neurohormonal response. MEDICINA CLINICA. 2025. -. DOI:10.1016/j.medcli.2025.106962. IF: 2,1 Q2 D3	GC15
Fernández-Aviles C, Ortiz MR, Ruiz AF, Campos GH, Collazo AR, González-Manzanares R, Ortega MD, Almodóvar AR, Martínez FE, Luque LCM, Salinas AM, Zamudio AT, Flores JH, Andrade MD, Aguilera JL, Sánchez MA, alvarez-Osorio MP, Rubio DM. Prognostic scores in patients with severe tricuspid regurgitation: An external validation study. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION. 2025. -. DOI:10.1111/eci.14379. IF: 3,6 Q1 D2	GC15
Heredia-Campos G, Gonzalez-Manzanares R, Rodríguez-Almodovar A, Moreno JA, Pozuelo I, Perea J, Gallo I, Maestre LC, Hidalgo F, De Lezo JS, Romero M, Mesa D, Espejo S, Pan MN, Ojeda S. Association between subclinical haemolysis and periprocedural outcomes in patients undergoing transcatheter aortic valve replacement. MEDICINA CLINICA. 2025. -. DOI:10.1016/j.medcli.2025.107143. IF: 2,1 Q2 D3	GC15
Maestre-Luque LC, Gonzalez-Manzanares R, Hidalgo F, de Lezo JS, Romero M, Gutiérrez-Barrios A, Gallo I, Herrera C, Espejo-Perez S, Fernández-López O, Alcázar-Caballero RM, Ojeda S, Pan M. Intracoronary infusion of autologous bone marrow mononuclear cells in patients with chronic total occlusions and left ventricular dysfunction: the BMMC/CTO trial. STEM CELL RESEARCH & THERAPY. 2025. -. DOI:10.1186/s13287-025-04854-w. IF: 7,3 Q1 D1	GC15
De Heredia APLF, Ortiz MR, Llergo JT, Bailen MC, De Castro MS, de la Mata MF, Exposito AD, Cabeza AIP, Ortega MD, Fortesi MG, Valenzuela IF, Muñoz MC, Fernández AR, Almodóvar AMR, Cubiles IAD, Martínez FE, Huelva FJC, Fernandez JJS, Rubio DM, Andalusian Soc Cardiol. Clinical profile and cardiovascular events in patients with atrial fibrillation and hematologic malignancies with recent initiation of targeted therapy: Real-life data from CANAC-FA registry. CURRENT PROBLEMS IN CARDIOLOGY. 2025. -. DOI:10.1016/j.cpcardiol.2024.102974. IF: 3,3 Q2 D3	GC15
Perea-Armijo J, Gutiérrez-Ballesteros G, Mazuelos-Bellido F, González-Manzanares R, Huelva JM, López-Aguilera J, Pan MN, Saint-Gerons JMS. Comparison of left bundle branch area pacing between patients with pacing-induced cardiomyopathy and non-ischemic dilated cardiomyopathy. CURRENT PROBLEMS IN CARDIOLOGY. 2025. -. DOI:10.1016/j.cpcardiol.2024.102886. IF: 3,3 Q2 D3	GC15
Gutierrez-Ballesteros G, Mazuelos-Bellido F, López-Aguilera J, Crespin-Crespin M, González-Manzanares R, Garcia-Merino MA, Mesa-Rubio D, Romero-Moreno M, Alvarez-Osorio MP, Saint-Gerons JMS. Changes in oxygen uptake in patients with non-ischemic dilated cardiomyopathy and left bundle branch block following left bundle branch area pacing. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2025. -. DOI:10.3389/fcvm.2025.1551551. IF: 2,9 Q2 D4	GC15
Anguita-Gámez M, Herrera-Flores J, Bonilla-Palomas JL, Recio-Mayoral A, González-Manzanares R, Domínguez JCC, Lopez-Aguilera J, Muñiz J, Anguita-Sánchez M. Clinical Features and Outcomes of Patients with Heart Failure and Advanced Chronic Kidney Disease. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14238508. IF: 2,9 Q1 D2	GC15

PUBLICATIONS	IMIBIC GROUP
Mesa LB, Ortiz MR, Baizán JL, de la Haba LM, Luque CO, Fernández JJS, Peñas ER, Ortega MD, Almodóvar AR, Martínez FE, Sánchez MA, Manzanares RG, Domínguez JCC, Aguilera JL, Granados AL, Alvarez-Osorio MP, Rubio DM. Hospitalizations for Major Cardiovascular Events in Patients Aged 75 Years or Older with Chronic Coronary Syndrome for the Whole Life Span. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm15010207. IF: 2,9 Q1 D2	GC15
Lopez-Aguilera J, Perea-Armijo J, Muñoz-Villarreal AB, Cepas-Sosa A, Luque-Serrano LM, Aguayo-Caño N, Heredia-Campos GM, Martin-Díaz JD, Gonzalez-Manzanares R, Castillo-Dominguez JC, Crespin-Crespin M, Delgado-Ortega M, Ruiz-Ortiz M, Mesa-Rubio D, Osorio MPA, Anguita-Sanchez M. Nurse Specialising Consultation in Heart Failure: Impact on Drug Titration and Cardiovascular Events in Patients with Heart Failure and Reduced Ejection Fraction. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14186681. IF: 2,9 Q1 D2	GC15
Anguita-Gámez M, Vivas D, Ferrandis R, Esteve-Pastor MA, González-Manzanares R, Echeverri M, Igualada J, Egocheaga I, Nozal-Mateo B, Abad-Motos A, Figuero E, Bouzó-Molina N, Lozano T, Alvarez-Ortega C, Torres J, Descalzo MJ, Catala JC, Martín-Rioboo E, Moliner A, Rodríguez-Contreras R, Carnero-Alcázar M, Marín F, Anguita M. Adherence to periprocedural antithrombotic treatment recommendations and its prognostic impact in patients with high ischemic and hemorrhagic risk. REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 416-424. DOI:10.1016/j.rec.2024.09.010. IF: 4,9 Q1 D2	GC15
Valhondo I, Pera A, Hassouneh F, López-Sejas N, Alvarez-Heredia P, Bergua JM, Arcos MJ, Casas-Avilés I, Sánchez-García J, Serrano J, Martín C, Durán E, Alonso C, Solana R, Tarazona R. Expression of the inhibitory checkpoints LAG-3, TIM-3, and PD-1 in NK cells and T cells in acute myeloid leukemia: preserved expression of LAG-3 is associated with patient survival. CANCER IMMUNOLOGY IMMUNOTHERAPY. 2025. -. DOI:10.1007/s00262-025-04169-y. IF: 5,1 Q1 D3	GC16
Castón JJ, Aparicio C, Paez-Vega A, López LP, García E, Martín C, Ruiz-Arabi E, Cuesta-Casas MA, Bermúdez-Rodríguez MA, Cerezo-Martín JM, González-Sierra PA, Machuca I, Domínguez FMM, Saldaña-Moreno R, Herrera C, Torre-Cisneros J. Impact of CMV-specific immune reconstitution at the end of letermovir prophylaxis on the development of late cytomegalovirus infection in haematopoietic stem cell transplant recipients (INMUNOEND): a protocol for a prospective, observational, multicentre study. BMJ OPEN. 2025. -. DOI:10.1136/bmjopen-2025-101289. IF: 2,3 Q2 D3	GC16
De Heredia APLF, Ortiz MR, Llergo JT, Bailen MC, De Castro MS, de la Mata MF, Exposito AD, Cabeza AIP, Ortega MD, Fortesi MG, Valenzuela IF, Muñoz MC, Fernández AR, Almodóvar AMR, Cubiles IAD, Martínez FE, Huelva FJC, Fernandez JJS, Rubio DM, Andalusian Soc Cardiol. Clinical profile and cardiovascular events in patients with atrial fibrillation and hematologic malignancies with recent initiation of targeted therapy: Real-life data from CANAC-FA registry. CURRENT PROBLEMS IN CARDIOLOGY. 2025. -. DOI:10.1016/j.cpcardiol.2024.102974. IF: 3,3 Q2 D3	GC16
Rodríguez-Arbolí E, Rodríguez-Veiga R, Soria-Saldise E, Bergua JM, Caballero-Velázquez T, Arnán M, Vives S, Serrano J, Bernal T, Martínez-Sánchez P, Tormo M, Rodríguez-Medina C, Herrera-Puente P, Lavilla-Rubira E, Boluda B, Acuña-Cruz E, Cano I, Cáceres S, Ballesteros J, Falantes J, Martínez-Cuadrón D, Pérez-Simón JA, Montesinos P. A phase 2, multicenter, clinical trial of CPX-351 in older patients with secondary or high-risk acute myeloid leukemia: PETHEMA-LAMVYX. CANCER. 2025. -. DOI:10.1002/cncr.35618. IF: 5,1 Q1 D3	GC16
Jiménez-Vicente C, Esteve J, Baile-González M, Pérez-López E, Calvo CM, Aparicio C, Ormategi IO, Esquirol A, Peña-Muñoz F, Fernandez-Luis S, Fernando IH, González-Rodríguez AP, López-García A, López-Lorenzo JL, Torrado T, Marín AJS, Fleytas CA, García L, Villar S, Filaferro S, Balsalobre P, Cascón MJP, Salas MQ. Allo-HCT refined ELN 2022 risk classification: validation of the Adverse-Plus risk group in AML patients undergoing allogeneic hematopoietic cell transplantation within the Spanish Group for Hematopoietic Cell Transplantation (GETH-TC). BLOOD CANCER JOURNAL. 2025. -. DOI:10.1038/s41408-025-01223-x. IF: 11,6 Q1 D1	GC16
Boluda B, Rodriguez-Veiga R, Sargas C, Ayala R, Larráyoz MJ, Chillón MC, Soria-Saldise E, Bilbao C, de la Torre EP, Navarro I, Martínez-Cuadron D, Gil C, Bernal T, Bergua J, Algarra L, Tormo M, Martínez-Sanchez P, Carrillo-Cruz E, Serrano J, Alonso-Domínguez JM, García R, Amigo ML, Herrera-Puente P, Sayas MJ, Lavilla-Rubira E, García-Pérez MJ, Morán J, Pérez-Santaolalla E, Alonso-Vence N, Oliva A, López JA, Barrios M, García-Fortes M, Olave MT, Labrador J, Martínez-López J, Calasanz MJ, García-Sanz R, Pérez-Simón JA, Gómez-Casares MT, Sánchez-García J, Mendizabal Y, Barragán E, Montesinos P, PETHEMA Grp. Conventional PCR Versus Next Generation Sequencing for Diagnosis of FLT3, IDH and NPM1 Mutations in Acute Myeloid Leukemia: Results of the PETHEMA PCR-LMA Study. CANCERS. 2025. -. DOI:10.3390/cancers17050854. IF: 4,4 Q2 D3	GC16

PUBLICATIONS	IMIBIC GROUP
Pinto FR, Cascos E, Pérez-López E, Baile-González M, Rodríguez CM, Cascon MJP, Luque M, Esquirol A, Calvo CM, Peña-Muñoz F, Fernando IH, Ormtegi IO, Marin AJS, Fernandez-Luis S, Domínguez-García JJ, Fernández SV, Lorenzo JLL, Giron MFD, Pinedo LG, García L, Gonzalez-Rodriguez AP, Torrado T, Filaferro S, Basalobre P, López-García A, Ortí G, Chacón MJ, Salas MQ. Early cardiac events after haploidentical hematopoietic cell transplantation with post-transplant cyclophosphamide. subanalysis exploring cardiac toxicity conducted on behalf of GETH-TC. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1571678. IF: 5,9 Q1 D2	GC16
Solana-Altabella A, Navarro-Vicente I, Rodriguez-Arboli E, Noriega V, Serrano J, Bernal T, Carrasco-Baraja V, Garcia-Boyeró R, Cornacchia CO, Algarra L, López-Briz E, Mena-Durán A, Solano-Tovar J, Botella-Prieto C, Sánchez-Sánchez S, Bergua-Burgues JM, Lloret-Madrid P, Rodenas-Rovira M, Boluda B, Cano-Ferri I, Acuña-Cruz E, Rodriguez-Veiga R, Torres-Miñana L, Centelles-Oria M, Poveda-Andres JL, Martinez-Cuadrón D, Montesinos P. Healthcare Resource Utilization and Treatment Costs for Blastic Plasmacytoid Dendritic Cell Neoplasm: A PETHEMA Study. CANCERS. 2025. -. DOI:10.3390/cancers17172844. IF: 4,4 Q2 D3	GC16
Alfonso-Pierola A, Martinez-Cuadrón D, Rodríguez-Veiga R, Gil C, Martínez-Sánchez P, Bernal T, Benavente C, Romero-Riquelme MA, Serrano-Lopez J, Bergua JM, García-Boyeró R, Tormo M, Herrera P, Sossa-Melo CL, Pérez-Simon JA, Rodríguez-Medina C, Bass-Maturana MF, López-Lorenzo JL, Algarra-Algarra L, Vidriales-Vicente B, Pérez-Encinas M, Barrios-García M, Vives S, Sayas-Lloris MJ, Capurro M, Hidalgo S, Olave M, Cuervo-Lozada D, Lavilla-Rubira E, Casado F, Mena-Durán A, Valero-Nuñez M, Casado-Calderón S, Balerdi A, Torres V, Fernández R, Noriega V, Stevenazzi M, Labrador J, León-Maldonado P, de Rueda-Ciller B, Arce-Fernández O, Amigo ML, Raposo-Puglia JA, Solé M, Boluda B, Ayala R, Barragán E, Montesinos P. Long-term benefits of autologous stem cell transplantation versus intensive chemotherapy consolidation for acute myeloid leukemia patients: A propensity score matching analysis from the PETHEMA AML registry. LEUKEMIA. 2025. 2686-2696. DOI:10.1038/s41375-025-02744-x. IF: 13,4 Q1 D1	GC16
Fernández AF, Fortes MG, Díaz MT, Marco MLJ, García RC, de la Fuente A, López JS, Pérez MAM, Chaparro MAS, Delgado RG. Maintenance Treatment with 5-Azacitidine in Patients with Acute Myeloblastic Leukemia Ineligible for Intensive Treatment and with Response After Induction Chemotherapy: A Phase II Clinical Trial. CANCERS. 2025. -. DOI:10.3390/cancers17162678. IF: 4,4 Q2 D3	GC16
Shyam S, Nishi SK, Ni JQ, Martínez-González MA, Corella D, Schröder H, Martínez JA, Alonso-Gómez AM, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Lapetra J, Serra-Majem L, Bueno-Cavanillas A, Tur JA, Sánchez VM, Pintó X, Delgado-Rodríguez M, Matía-Martín P, Vidal J, Vázquez C, Daimiel L, Ros E, Gaforio JJ, Ruiz-Canela M, Fernández-Carrión R, Goday A, Garcia-Rios A, Torres-Collado L, Cueto-Galán R, Zulet MA, Prohens L, Casas R, Castillo-Hermoso MA, Tojal-Sierra L, Gomez-Pérez AM, García-Arellano A, Sorli JV, Castañer O, Arenas-Larriba AP, Oncina-Cánovas A, Goñi L, Fitó M, Babio N, Salas-Salvadó J. Pasta Consumption and Cardiometabolic Risks in Older Adults with Overweight/Obesity: A Longitudinal Analysis. JOURNAL OF THE AMERICAN NUTRITION ASSOCIATION. 2025. 566-578. DOI:10.1080/27697061.2025.2463454. IF: 2,6 Q3 D	GC16
Torrent-Rodríguez A, Cascos E, Garcés VN, Pérez-López E, Baile-González M, Rodríguez CM, Cascón MJP, Luque M, Esquirol A, Calvo CM, Peña-Muñoz F, Fernando IH, Ormtegi IO, Marín AJS, Fernández-Luis S, Domínguez-García JJ, Fernández SV, Lorenzo JLL, Girón MFD, Pinedo LG, García-Maño L, González-Rodríguez AP, Torrado T, Filaferro S, Basalobre P, Ortí G, Rovira M, Chacón MJ, Salas MQ. Safety of Post-Transplant Cyclophosphamide-Based Prophylaxis in AML Patients with Pre-Existing Cardiac Morbidity Undergoing Allogeneic Hematopoietic Cell Transplantation. CANCERS. 2025. -. DOI:10.3390/cancers17193128. IF: 4,4 Q2 D3	GC16
Lloret-Madrid P, Boluda B, Martínez-López J, Bergua J, Arboli ER, Labrador J, Sossa C, Gil C, Algarra L, Lavilla-Rubira E, Serrano J, de Rueda B, Ibañez F, González BJG, Amigo ML, Belmonte DG, Rodríguez-Medina C, Gómez-Roncero MI, Colorado M, Lorenzo JLL, Tormo M, Fernández OA, Cano-Ferri I, Solana-Altabella A, Foncillas MA, Pierola AA, Vives S, Núñez MV, López-Vidal H, Pérez-Santaolalla E, Ramos LH, Boyero RG, González LL, Roldán A, Calderón SC, Infante JB, Olave T, García-Suárez J, de Laiglesia A, Rodríguez-Veiga R, Trigo F, Martínez-Cuadrón D, Montesinos P. Treatment patterns and outcomes in secondary acute myeloid leukemia arising after hypomethylating agents: PETHEMA registry study. CANCER. 2025. -. DOI:10.1002/cncr.35696. IF: 5,1 Q1 D3	GC16

PUBLICATIONS	IMIBIC GROUP
Lasa M, Gonzalez C, Notarfranchi L, Zherniakova A, Alignani D, Burgos L, Calasanz MJ, Rodriguez-Otero P, Perez JJ, Gomez C, de la Calle VG, de Arriba F, Palomera L, Rivas MAA, Clavero E, Ocio EM, Gonzalez-Rodriguez AP, Lakhwani S, Ibañez A, Oriol A, Sureda A, Rosinol L, Siewert C, Orfao A, Lahuerta JJ, Blade J, Mateos MV, San-Miguel JF, Cedena MT, Martinez-Lopez J, Puig N, Paiva B. Ultrasensitive detection of circulating multiple myeloma cells by next-generation flow after immunomagnetic enrichment. BLOOD. 2025. 964-970. DOI:10.1182/blood.2025029234. IF: 23,1 Q1 D1	GC16
Serrano J, Martínez-Cuadrón D, Gil C, Bernal T, Tormo M, Martínez-Sánchez P, Rodríguez-Medina C, Herrera P, Simón JAP, Sayas MJ, Bergua J, Lavilla-Rubira E, Amigo M, Benavente C, Lorenz JLL, Pérez-Encinas MM, Vidriales MB, Aparicio-Pérez C, de la Torre EP, Colorado M, de Rueda B, García-Boyeró R, Marini S, García-Suárez J, López-Pavía M, Gómez-Roncero MI, Noriega V, López A, Labrador J, Cabello A, Sossa C, Algarra L, Stevenazzi M, Torres L, Boluda B, Sánchez-García J, Montesinos P. Autologous or Allogeneic Hematopoietic Stem Cell Transplantation as Front-Line Treatment for Adult Secondary Acute Myeloid Leukemia Patients: The PETHEMA Registry Experience. TRANSPLANTATION AND CELLULAR THERAPY. 2025. 299.e1-299.e14. DOI:10.1016/j.jtct.2025.02.011. IF: 4,4 Q1 D2	GC16
Munárriz D, Pérez-Lopez E, Rodríguez CM, Luque M, Esquirol A, Calvo CM, Aparicio C, Peña-Muñoz F, Fernando IH, Ormtegi IO, Marín AJS, Fernández-Luis S, Domínguez-García JJ, Fernández SV, Lopez-Lorenzo JL, Fleitas CA, González-Rodriguez AP, García L, Torrado T, Filaferro S, Balsalobre P, Cascon MJP, Rovira M, Salas MQ. Donor age as an independent predictor of inferior outcomes after haploidentical hematopoietic cell transplantation in acute myeloid leukemia. Study conducted on behalf of GETH-TC. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1700463. IF: 5,9 Q1 D2	GC16
Rodríguez M, Rojas-Vega F, Díaz-Alejo JF, Mahillo-Fernández I, Serrano C, López A, Morales-Ruiz T, Roldan-Arjona T, Sánchez-García J, Río-Machín A, Morillo D, Pérez MA, Córdoba R, Llamas-Sillero P, Rodríguez-Pinilla SM, Serrano-López J. CCL18: a potential immunosuppressive biomarker for prognosis in ABC diffuse large B-cell lymphoma. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1693730. IF: 5,9 Q1 D2	GC16
Blázquez-Cabrera JA, Torres-Hernández J, Bouillon R, Casado-Díaz A, Quesada-Gomez JM, Navarro-Casado L. ALBACOVIDIOL Study: Effect of Calcifediol Treatment on Mortality in Patients Hospitalized for COVID-19: A Retrospective Analysis. NUTRIENTS. 2025. -. DOI:10.3390/nu17121968. IF: 5 Q1 D2	GC17
Díez JJ, Anda E, Alcazar V, Galofré JC, Familiar C, Pamplona-Civera MJ, González-Martínez S, Herrero-Ruiz A, Alhambra MR, Planas A, Sánchez-Ragnarsson C, Martín T, Rodríguez-Jiménez B, Mora M, Orois A, Sánchez-Barrera R, Sastre J. Assessment of levothyroxine therapy adequacy in low-risk differentiated thyroid carcinoma: a multicenter cohort study. FRONTIERS IN ENDOCRINOLOGY. 2025. -. DOI:10.3389/fendo.2025.1652862. IF: 4,6 Q1 D3	GC17
Chico A, Pazos-Couselo M, Nattero-Chavez L, Simó-Servat O, Durán-Martínez M, Ugarte-Abasolo E, Aguilera E, Andía V, Moreno-Fernández J, Granados M, Rebollo A, Fernandez-Rubio E, Quirós C, Alpañés M, Márquez R, Beato-Vibora P, Lado-Baleato O, Picón-César M, Spanish Diabet Soc. Beyond glycemic metrics: Real-world benefits of connected insulin pens in type 1 diabetes. DIABETES RESEARCH AND CLINICAL PRACTICE. 2025. -. DOI:10.1016/j.diabres.2025.112377. IF: 7,4 Q1 D1	GC17
Soria-Utrilla V, Vero C, Romero-Zerbo SY, Adarve-Castro A, López-Urdiales R, Herranz-Antolín S, García-Almeida JM, García-Malpartida K, Ferrer-Gómez M, Moreno-Borreguero A, Luengo-Pérez LM, Alvarez-Hernández J, Aragón-Valera C, Ocón-Bretón MJ, García-Manzanares A, Bretón-Lesmes I, Serrano-Aguayo P, Pérez-Ferre N, López-Gómez JJ, Olivares-Alcolea J, Moreno-Martínez M, Tejera-Pérez C, García-Arias S, Abad-González AL, Alhambra-Expósito MR, Zugasti-Murillo A, Parra-Barona J, Torrejón-Jaramillo S, Abuin J, Fernández-García JC, Oliveira G. Biomarkers of oxidation, inflammation and intestinal permeability in persons with diabetes mellitus with parenteral nutrition: A multicenter randomized trial. CLINICAL NUTRITION. 2025. 155-164. DOI:10.1016/j.clnu.2024.11.044. IF: 7,4 Q1 D1	GC17
Alarcón PP, Alvarez ED, Goitia CL, Rodríguez MM, Urbon L, Maldonado A, García S, Serrallonga NB, Aviño LR, Palomar JMR, Lopez JG, Hoyas CIN, Corcoy R, Raimond TM, López ML, Madorell BS, Hernández M, Kyriakos G, Bellas LC, Borrás JG, Servant OS, Colet AM, Serrano C, Contreras C, Román AR, Díez M, Veladesojo A, Andujar P, Diez A, Galiana PA, Peris BP, Fernandez E, Ferrer M, Alfonso FJG, Torre ELM. Does Combining a Mobile Dose Calculation App with a Continuous Insulin Infusion System Improve Glycemic Control and Quality of Life Compared with a Hybrid System in Patients with Type 1 Diabetes? A Descriptive Open-Label Sequential Study. DIABETES TECHNOLOGY & THERAPEUTICS. 2025. 849-857. DOI:10.1177/15209156251363452. IF: 6,3 Q1 D2	GC17

PUBLICATIONS	IMIBIC GROUP
Hernández NCI, Carrasco AR, Román DAD, de Pablos-Velasco PL, Continente AC, Soto MJR, Lopez-Gomez JJ, Comi-Díaz C, García-Rey S, Pérez-Rambla C, García-Luna PP. Effect of a new plant-based high-energy oral nutritional supplement in adult malnourished patients: an open-label, randomized clinical trial. FRONTIERS IN NUTRITION. 2025. -. DOI:10.3389/fnut.2025.1667954. IF: 5,1 Q1 D2	GC17
Timon R, Rojas-Valverde D, Camacho-Cardenosa M. Effect of passive hypoxia on body fat mass in older and young adults: A systematic review and meta-analysis. PHYSIOLOGY & BEHAVIOR. 2025. -. DOI:10.1016/j.physbeh.2025.114948. IF: 2,5 Q2 D4	GC17
Vasquez-Bonilla AA, Camacho-Cardenosa M, Bayón JRS, Camacho-Cardenosa A, Timon R, Olcina G. Effects of a 4-Week Respiratory Muscle Training Proposal for Semi-Professional Athletes. E-BALONMANO COM. 2025. 91-100. DOI:10.17398/1885-7019.21.91. IF: 0,5 Q4 D	GC17
Goi J, Fano MP, Gellida AR, González-Boillos M, Rojas-Marcos PM, Guayerbas LC, Cano AMG, Ruiz-Sanchez JG, Vicente A, Gómez-Hoyos E, Recasens M, San Millan RB, Cesar MJP, Guardiola PD, Perdomo CM, Manjon-Miguel L, Roman AR, Lázaro CR, Recio JM, Calatayud M, López NJ, Nuñez MS, Ribas EM, Sanchez AS, Diaz CG, Lamas C, Serrano J, Michalopoulou T, Rodrigo ST, Pascual-Corrales E, Aguila FJ, Rivas NM, Mateo EMM, Gutiérrez-Medina S, Hanzu FA, Ramirez PP, Araujo-Castro M. Efficacy and safety of medical treatment of primary aldosteronism: a real-world data study in Spain. EUROPEAN JOURNAL OF ENDOCRINOLOGY. 2025. 297-309. DOI:10.1093/ajendo/lvaf158. IF: 5,2 Q1 D2	GC17
Araujo-Castro M, García-Centeno R, Aller J, Marazuela M, Soto A, Gálvez MA, Cámara R, Valassi E, Bernabeu I, Villar-Taibo R, Hanzu FA. Executive summary of the consensus document for the management of severe Cushing’s syndrome: Consensus document of the Neuroendocrinology Focus Group of the Spanish Society of Endocrinology and Nutrition (SEEN). ENDOCRINOLOGIA DIABETES Y NUTRICION. 2025. -. DOI:10.1016/j.endien.2025.501654. IF: 1,8 Q3 D	GC17
Iriarte-Durán MB, Fano MP, Gellida AR, González-Boillos M, Ramírez PP, Rojas-Marcos PM, Caja L, Cano AMG, Ruiz-Sanchez JG, Vicente A, Gómez-Hoyos E, Recasens M, San Millan RB, César MJP, Guardiola PD, Perdomo CM, Manjón-Miguel L, Román AR, Lázaro CR, Recio JM, Calatayud M, López NJ, Nuñez MS, Ribas EM, Sánchez AS, Diaz CG, Lamas C, Serrano J, Michalopoulou T, Rodrigo ST, Aguila FJ, Mateo EMM, Gutiérrez-Medina S, Hanzu FA, Araujo-Castro M. Impact of primary aldosteronism on calcium phosphate homeostasis. Results from the SPAIN-ALDO. JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION. 2025. 1611-1622. DOI:10.1007/s40618-025-02563-y. IF: 3,5 Q2 D4	GC17
Díez JJ, Anda E, Pérez-Corral B, Paja M, Alcázar V, Sánchez-Ragnarsson C, Orois A, Romero-Lluch AR, Sambo M, Oleaga A, Caballero A, Alhambra MR, Urquijo V, Delgado-Lucio AM, Fernández-García JC, Doulatram-Gamgaram VK, Dueñas-Disotuar S, Martín T, Peinado M, Sastre J. Impaired renal function in patients with permanent hypoparathyroidism after thyroidectomy: analysis of a nationwide cohort in Spain. ENDOCRINE. 2025. 826-835. DOI:10.1007/s12020-025-04187-x. IF: 2,9 Q3 D	GC17
Cassinello JMJ, Vega-Beyhart A, Iriarte MB, Donato S, Herrera-Martínez AD, Marazuela M, Araujo-Castro M. Mild autonomous cortisol secretion: impact on bone health and quality of life. A review. ENDOCRINE. 2025. 693-700. DOI:10.1007/s12020-025-04203-0. IF: 2,9 Q3 D	GC17
Paja M, Soto A, Hanzu FA, Guerrero-Pérez F, Cámara R, Moure D, Gálvez A, Simó-Servat A, Villar-Taibo R, Calatayud M, Vicente A, Recio-Córdova JM, Serra G, Rojas-Marcos PM, Parra-Ramírez P, Araujo-Castro M, Librizzi S, Irigaray A, Ollero D, Aznar S, Muñoz F, Aulinas A, González-Fernández L, García-Centeno R, Egaña N, González-Vidal T, Menéndez E, Delgado AM, Abarca J, Sottile J, Picó AM, Novo C, Ortiz I, Tenorio C, de León R, de Pablos-Velasco P, Crespo C, Peñalver D, Díaz-Soto G, Puig-Domingo M, Biagetti B, Neuroendocrinology Grp Spanish Endocrinol Nutr Soc SEEN. Outcomes of transsphenoidal surgery for pituitary adenomas in Spain: a retrospective multicenter study. FRONTIERS IN ENDOCRINOLOGY. 2025. -. DOI:10.3389/fendo.2025.1529418. IF: 4,6 Q1 D3	GC17

PUBLICATIONS	IMIBIC GROUP
Araujo-Castro M, Herrera A, Wang YB, Wang ZC, Sledzinski M, Hellmann A, Raffaelli M, Pennestri F, Sywak M, Papachristos AJ, Palazzo FF, Sung TY, Kim BC, Lee YM, Eatock F, Anderson H, Iacobone M, Dauksa A, Makay O, Turk Y, Atalay HB, van Dijkum EJMN, Engelsman AF, Holscher I, Materazzi G, Rossi L, Becucci C, Shore SL, Fung C, Waghorn A, Mihai R, Balasubramanian SP, Pannu A, Tatarano S, Velázquez-Fernández D, Miller JA, Serrao-Brown H, Chen YF, Demarchi MS, Djafarrian R, Doran H, Wang KL, Stechman MJ, Perry H, Hubbard J, Lamas C, Mercer P, Macpherson J, Lumbiganon S, Calatayud M, Hanzu FA, Vidal O, Ojeda CM, Papavramidis T, Gómez PRD, Aldrees A, Altwjry T, Valdes N, alvarez-Escola C, Sanz IG, Carrera CB, Manjón-Miguel L, Novoa PD, Recasens M, Centeno RG, Lázaro CR, van den Heede K, Van Slycke S, Michalopoulou T, Aspinall S, Melvin R, Lau JWJ, Cheah WK, Tang MH, Oh HB, Ayuk J, Verhoeff K, Sutcliffe RP, Parente A, Int Pheo Study Grp. Postoperative Outcomes in Normotensive and Hypertensive Pheochromocytomas: An International Study. JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM. 2025. e3719-e3729. DOI:10.1210/clinem/dgaf154. IF: 5,1 Q1 D2	GC17
Herrera-Martínez AD, Muñoz-Jiménez C, Romo AN, Aguilera JL, Moreno MAG, Puerta MJM, Roger AJ. Vitamin D and nutritional support in patients with heart failure: effect on circulating cytokines. REVISTA DE OSTEOPOROSIS Y METABOLISMO MINERAL. 2025. 139-145. DOI:10.20960/RevOsteoporosMetabMiner.00081. IF: 0,5 Q4 D	GC17
Pulido-Escribano V, Camacho-Cardenosa M, Dorado G, Quesada-Gomez JM, Calañas-Continente A, Gálvez-Moreno MA, Casado-Díaz A. The Use of Plant-Derived Extracellular Vesicles in Regenerative Medicine Applied to Cutaneous Wound Healing. PHARMACEUTICS. 2025. -. DOI:10.3390/pharmaceutics17121531. IF: 5,5 Q1 D1	GC17
Camacho-Cardenosa M, Pulido-Escribano V, Estrella-Guisado G, Dorado G, Herrera-Martínez AD, Gálvez-Moreno MA, Casado-Díaz A. Bioprinted Hydrogels as Vehicles for the Application of Extracellular Vesicles in Regenerative Medicine. GELS. 2025. -. DOI:10.3390/gels11030191. IF: 5,3 Q1 D2	GC17
Fuentes-Fayos AC, G-García ME, Sánchez-Medianero T, Apps J, Flores-Martínez A, De la Rosa-Herencia AS, Gil-Duque I, Otto G, Venegas-Moreno E, Ruiz-Valdepeñas EC, Herrera-Martínez AD, Solivera J, Gahete MD, Cano DA, Ortega R, Soto-Moreno A, Gálvez-Moreno MA, Martínez-Barberá JP, Luque RM. Impaired splicing machinery in craniopharyngiomas unveils PRPF8 and RAVER1 as novel biomarkers and therapeutic targets. ACTA NEUROPATHOLOGICA COMMUNICATIONS. 2025. -. DOI:10.1186/s40478-025-02040-w. IF: 5,7 Q1 D2	GC17
García-Roldán S, Rubio S, Vivas S, Castillo-Mayén R, Tabernero C, Muñoz C, Luque B. Feasibility and usability study of the ERES: A mobile application to intervene in emotional regulation and self-efficacy in minors with type 1 diabetes. DIGITAL HEALTH. 2025. -. DOI:10.1177/20552076251348021. IF: 3,3 Q1 D2	GC17
Reyes-Medina MJ, Canton-Habas V, Sánchez-Jiménez FJ, Molina-Hurtado E, Carrera-González MD. New approach to optimize therapy in type 2 diabetes mellitus: the importance of subclassification. FRONTIERS IN ENDOCRINOLOGY. 2025. -. DOI:10.3389/fendo.2025.1710511. IF: 4,6 Q1 D3	GC17
Cascales-Campos PA, Lacueva FJ, Carbonell-Morote S, Gonzalez-Gil A, Alcaraz-Solano A, Caravaca I, Aranaz V, Gómez-Dueñas G, Gil-Gómez E, Arjona-Sánchez A, Ramia JM. Intraperitoneal Intraoperative Chemotherapy in Advanced Ovarian Cancer: Rethinking the Future Beyond Complete Macroscopic Resection. ANNALS OF SURGICAL ONCOLOGY. 2025. 5616-5623. DOI:10.1245/s10434-025-17432-4. IF: 3,5 Q1 D2	GC18
Laguna-Muñoz D, Jiménez-Peinado A, Jaén-Moreno MJ, Camacho-Rodríguez C, del Pozo GI, Vieta E, Caballero-Villarraso J, Khan MI, Rico-Villademoros F, Sarramea F. Respiratory disease in people with bipolar disorder: a systematic review and meta-analysis. MOLECULAR PSYCHIATRY. 2025. 777-785. DOI:10.1038/s41380-024-02793-1. IF: 10,1 Q1 D1	GC18
Hermán-Sánchez N, del Rio-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAG11 expression. MOLECULAR CANCER. 2025. -. DOI:10.1186/s12943-024-02206-5. IF: 33,9 Q1 D1	GC18

PUBLICATIONS	IMIBIC GROUP
Gros B, Martínez PEA, Cuerva MO, Aparicio-Serrano A, Jiménez EG, Lucio AS, Pleguezuelo M, Molina AJH, Ruiz FJS. Diagnostic yield of biliary brush cytology via endoscopic retrograde cholangiopancreatography: a 7-year tertiary center experience. REVISTA ESPANOLA DE ENFERMEDADES DIGESTIVAS. 2025. 447-454. DOI:10.17235/reed.2025.11158/2025. IF: 4 Q1 D3	GC18
Wendel-Garcia PD, Ceccato A, Motos A, Franch-Llasat D, Pérez-Moreno MO, Domenech-Spanedda MF, Chamarro-Martí E, Ferrer R, Fernández-Barat L, Riera J, alvarez-Napagao S, Peñuelas O, Lorente JA, Almansa R, Gabarrús A, de Gonzalo-Calvo D, González J, Añon JM, Barberà C, Barberán J, Blandino-Ortiz A, Bustamante-Munguira E, Caballero J, Carbajales-Pérez C, Carbonell N, Catalán-González M, Barral-Segade P, Mañez R, de la Torre MC, Díaz E, Estella A, Gallego E, García-Garmendia JL, Garnacho-Montero J, Amaya-Villar R, Gómez JM, Huerta A, Jorge-García RN, Loza-Vázquez A, Marin-Corral J, Martin-Delgado MC, Gándara AMD, Martínez-Varela IY, López-Messa J, Muñoz-Albaiceta G, Novo MA, Peñasco Y, Pozo-Laderas JC, Ricart P, Sánchez-Miralles A, Sancho S, Socias L, Solé-Violan J, Suárez-Sipmann F, Tamayo L, Trenado J, Barbé F, Torres A, Roche-Campo F, CIBERESUCICOVID Investigators. Empirical antibiotic therapy improves outcomes in mechanically ventilated patients with COVID-19: An emulated targeted trial within a prospective, multicentre cohort study. JOURNAL OF INFECTION. 2025. -. DOI:10.1016/j.jinf.2025.106411. IF: 11,9 Q1 D1	GC18
Galli F, Forin E, Motos A, Saldarriaga FJM, Gabarrus A, Canseco J, Fernandez-Barat L, Barbeta E, Calabretta D, Ceccato A, Bermejo-Martin JF, Ferrer R, Riera J, Penuelas O, Lorente JA, de Gonzalo-Calvo D, Menendez R, Gonzalez J, Palomeque A, Soler-Comas A, Amaya-Villar R, Anon JM, Marino AB, Barbera C, Barberan J, Ortiz AB, Bustamante-Munguira E, Caballero J, Canton-Bulnes ML, Perez CC, Carbonell N, Catalan-Gonzalez M, De Frutos R, Franco N, Galban C, Lago AL, Gumucio-Sanguino VD, de la Torre MD, Díaz E, Estella A, Curto EG, Garcia-Garmendia JL, Gomez JM, Huerta A, Garcia RNJ, Loza-Vazquez A, Marin-Corral J, Delgado MCM, de la Gandara AM, Varela IM, Messa JL, Albaiceta GM, Nieto MT, Novo MA, Penasco Y, Perez-Garcia F, Pozo-Laderas JC, Ricart P, Sagredo V, Sanchez-Miralles A, Chinesta SS, Roche-Campo F, Socias L, Sole-Violan J, Suarez-Sipmann F, Lomas LT, Trenado J, Ubeda A, Valdivia LJ, Vidal P, Boado MV, Rodriguez A, Ferrer M, Barbe F, Torres A. Immunosuppressed patients with COVID-19 pneumonia in ICU: clinical characteristics and factors influencing outcomes. PNEUMONIA. 2025. -. DOI:10.1186/s41479-025-00181-z. IF: 6,2 Q1 D2	GC18
Ciria R, Ivanics T, Aliseda D, Claasen M, Alconchel F, Gaviria F, Briceño J, Berardi G, Rotellar F, Sapisochin G. Liver transplantation for primary and secondary liver tumors: Patient-level meta-analyses compared to UNOS conventional indications. HEPATOLOGY. 2025. 1700-1713. DOI:10.1097/HEP.0000000000001129. IF: 15,8 Q1 D1	GC18
Villalobos EL, Ielpo B, Aldrighetti L, Anselmo A, Beghdadi N, Berardi G, Briceño F, Ciria R, Dorcaratto D, Durczynski A, Ettorre GM, Delvecchio A, Ferri V, Grat M, Garces-Albir M, Grochola LF, Hogendorf P, Izzo F, Kobryn K, Kontis E, Korkolis D, Krol R, Lesurtel M, Lopez-Ben S, Christogiannis C, Koutsouroumpa O, Mavridis D, Memeo R, Murawa D, Machairas N, Mora-Oliver I, Muñoz-Forner E, Orrego C, Dantas C, Fuste C, Picazo AG, Pessaux P, Pilat T, Pittau G, Radosevic A, Ratti F, Sotiropoulos G, Toutouzas K, Trotovsek B, Wystrychowski W, Zacharoulis D, Vicente E, Burdio F, Velázquez PS. LIVERATION trial: a multicentre European randomised study on radiofrequency margin coagulation and its impact on oncological outcomes after liver surgery - study protocol. BMJ OPEN. 2025. -. DOI:10.1136/bmjopen-2025-100518. IF: 2,3 Q2 D3	GC18
González J, Benítez ID, Santisteve S, Vilà A, Aguila M, Torres G, Sánchez-Cucó A, Malla-Bañeres M, Moncusí-Moix A, de Batlle J, Gracia-Lavedan E, Ceccato A, Ferrer R, Motos A, Riera J, Fernández L, Menéndez R, Lorente JA, Peñuelas O, García D, Roca O, Peñasco Y, Ricart P, Delgado MCM, Aguilera L, Rodríguez A, Varela MVB, Pérez-García F, Pozo-Laderas JC, Solé-Violan J, Adell-Serrano B, Novo MA, Barberán J, Villar RA, de Gonzalo-Calvo D, Torres A, Barbé F, Roche-Campo F. Longitudinal recovery trajectories and ventilatory modalities in COVID-19 acute respiratory distress syndrome survivors. ERJ OPEN RESEARCH. 2025. -. DOI:10.1183/23120541.00770-2024. IF: 4 Q1 D2	GC18

PUBLICATIONS	IMIBIC GROUP
Fernández-Barat L, Motos A, Canseco-Ribas J, Gabarrús A, López-Aladid R, Alvaro-Meca A, Ceccato A, García N, Ferrer M, Battaglini D, Avarez-Napagao S, Garcia-Gasulla D, Ferrer R, de Gonzalo-Calvo D, Lorente JA, Menéndez R, Peñuelas O, Riera J, Rodríguez A, Villar RA, Añón JM, Mariño AB, Barberà C, Barberán J, Ortiz AB, Boado MV, Bofill N, Bustamante-Munguira E, Caballero J, Canton-Bulnes ML, Pérez CC, Carbonell N, Catalán-González M, de la Torre MD, Díaz E, Estella A, Figueras A, de Frutos R, Franco N, Galbán C, Gallego E, Garmendia JLG, González J, Gómez JM, Gumucio-Sanguino VD, Huerta A, García RNJ, Loza-Vázquez A, Marin-Corral J, Delgado MCM, de la Gándara AM, Varela IM, Albaiceta GM, Nieto M, Peñasco Y, Pérez-Bastida L, Pérez-García F, Pozo-Laderas JC, Ricart P, Sagredo V, Sánchez-Miralles A, Chinesta SS, Socias L, Solé-Violan J, Suarez-Sipmann F, Lomas LT, Trenado J, Ubeda A, Valdivia LJ, Vidal P, Bermejo-Martin J, Barbé F, Torres A. Outcomes and predictors of mortality in patients with severe COVID 19 and COPD admitted to ICU: A multicenter study-. ANAESTHESIA CRITICAL CARE & PAIN MEDICINE. 2025. -. DOI:10.1016/j.accpm.2025.101558. IF: 4,7 Q1 D2	GC18
Abu Hilal M, Hoogteijling TJ, Edwin B, Dagher I, D'Hondt M, Marques HP, Swijnenburg RJ, Boggi U, Sucandy I, Ferrero A, Marsman H, Troisi R, Gumbs AA, Aldrighetti LA, Cherqui D, Alseidi A, Croner R, Rotellar F, Scatton O, Al Saati H, Berardi G, Cillo U, Cipriani F, Ciria R, Cugat E, Di Benedetto F, Diaz-Nieto R, Duncan T, Efanov M, Ettore GM, Fondevila C, Fretland AA, Giulianti F, Hagendoorn J, Han HS, Honda G, Lesurtel M, Lodge P, Ben SL, Memeo R, Menon K, Rashidian N, Ratti F, Campos RR, Russolillo N, Ruzzenente A, Santoyo J, Schmelzle M, Sgarbura O, Sutcliffe RP, Teh CSC, Vivarelli M, Wakabayashi G, White S, Pearce N, Angelico R, Bannone E, Cacciaguerra AB, Bozkurt E, Conticchio M, El Adel S, Famularo S, Guerra M, Kuemmerli C, Lopez-Lopez V, Aranda FP, da Cunha GP, Primavesi F, Saeidi S, Sheel ARG, Sijberden JP, Sucameli F, Taliente F, Veronesi T, Ahmad J, Alfieri S, Ausania F, Baiocchi G, Berti S, Besselink MG, Daradkeh S, De Carlis L, Delvecchio A, Dervenis C, Dokmak S, Ferrari C, Fusai GK, Geller D, Goh BKP, Guglielmi A, Iannitti D, Jaradat D, Jovine E, Kuo-Hsin C, Liu R, Marudanayagam R, Mocchegiani F, Panaro F, Pinna A, Portolani N, Saleh O, Sallemi C, Serrablo A, Smadi S, Suhool A, Taylor MA, van Gulik TM, Siriwardena AK, Asbun HJ. The Brescia internationally validated European guidelines on minimally invasive liver surgery. BJS-BRITISH JOURNAL OF SURGERY. 2025. -. DOI:10.1093/bjs/znaf113. IF: 8,8 Q1 D1	GC18
Gómez-Dueñas G, Durán M, Olmo-García R, Calleja R, Padial-Aguado A, Ayllón MD, Ciria R, Briceño-Delgado J. Predicting the complexity of robotic liver surgery: a comparative analysis of the IWATE, Kawaguchi-Gayet, Hasegawa, Southampton, and Tampa scores. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES. 2025. 4965-4972. DOI:10.1007/s00464-025-11859-2. IF: 2,7 Q1 D3	GC18
Calleja R, Rivera M, Guijo-Rubio D, Hessheimer AJ, de la Rosa G, Gastaca M, Otero A, Ramírez P, Boscà-Robledo A, Santoyo J, Gómez LMM, del Moral JV, Fundora Y, Lladó L, Loinaz C, Jiménez-Garrido MC, Rodríguez-Laíz G, López-Baena JA, Charco R, Varo E, Rotellar F, Alonso A, Rodríguez-Sanjuan JC, Blanco G, Nuño J, Pacheco D, Coll E, Domínguez-Gil B, Fondevila C, Ayllón MD, Durán M, Ciria R, Gutiérrez PA, Gómez-Orellana A, Hervás-Martínez C, Briceño J. Machine Learning Algorithms in Controlled Donation After Circulatory Death Under Normothermic Regional Perfusion: A Graft Survival Prediction Model. TRANSPLANTATION. 2025. e362-e370. DOI:10.1097/tp.0000000000005312; 10.1097/TP.0000000000005312. IF: 5 Q1 D1	GC18
Lozano RC, Giménez MB, Medina-Fernández J, Delgado FJB. What about the robotic approach in rectal cancer?. MINERVA SURGERY. 2025. 409-422. DOI:10.23736/S2724-5691.25.10861-7. IF: 0,9 Q3 D	GC18
Carbonell-Morote S, Arjona-Sanchez A, Cascales-Campos PA, Gonzalez-Gil A, Gomez-Duenas G, Gil-Gomez E, Caravaca-Garcia I, Aranaz V, Lacueva FJ, Ramia JM. Textbook outcome in ovarian cancer and its impact on survival: comparative study. WORLD JOURNAL OF SURGICAL ONCOLOGY. 2025. -. DOI:10.1186/s12957-025-03686-5. IF: 2,5 Q1 D3	GC18
Zafra-Palma J, Marín-Jiménez N, Castro-Piñero J, Cuenca-Garcia M, Muñoz-Salinas R, Marín-Jiménez MJ. Health & Gait: a dataset for gait-based analysis. SCIENTIFIC DATA. 2025. -. DOI:10.1038/s41597-024-04327-4. IF: 6,9 Q1 D2	GC19
Romero-Ramirez FJ, Cazorla M, Marín-Jiménez MJ, Medina-Carnicer R, Muñoz-Salinas R. Parallelized SLAM: Enhancing Mapping and Localization Through Concurrent Processing. SENSORS. 2025. -. DOI:10.3390/s25020365. IF: 3,5 Q2 D4	GC19
García-Ruiz P, Romero-Ramirez FJ, Muñoz-Salinas R, Marín-Jiménez MJ, Medina-Carnicer R. Sparse Indoor Camera Positioning with Fiducial Markers. APPLIED SCIENCES-BASEL. 2025. -. DOI:10.3390/app15041855. IF: 2,5 Q2 D3	GC19

PUBLICATIONS	IMIBIC GROUP
García-Torres F, García-Carmona M, Gómez-Solís A, Jurado-González F, Jablonski M, Jaén-Moreno MJ, Aranda E. Anxiety, depression, quality of life and the mediating role of psychological flexibility: A study on Spanish cancer patients. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-06942-6. IF: 3,9 Q1 D2	GC20
Cuadrado F, Vacas J, Mérida-García M. A Preliminary Study of the Role of Visual Scanning Pattern of Socio-Emotional Content in Persons With Alzheimer’s Disease. TOPICS IN GERIATRIC REHABILITATION. 2025. 79-87. DOI:10.1097/TGR.0000000000000465. IF: 0,7 Q4 D	GC20
Velasco J, Sanmartin FJ, Cuadrado F, Gálvez-Lara M, Moriana JA. Beyond DSM and ICD: a comprehensive look at alternative approaches to understanding PTSD. CURRENT PSYCHOLOGY. 2025. 8560-8574. DOI:10.1007/s12144-025-07787-y. IF: 2,6 Q1 D3	GC20
Esteller-Collado G, Pérez-Jover V, Román CV, Malonda-Vidal E, Llorca-Mestre A, Prieto-Vila M, Carpallo-González M, González-Blanch C, Ruíz-Rodríguez P, Moriana JA, Cano-Vindel A, Muñoz-Navarro R. Effectiveness of a transdiagnostic protocol for anxiety and depression in primary care: The PsicAP-CV Stepped Wedge Cluster Randomized Trial. JOURNAL OF ANXIETY DISORDERS. 2025. -. DOI:10.1016/j.janxdis.2025.103045. IF: 4,5 Q1 D1	GC20
Kimball RT, Kranak MP, Bernal-Gamboa R, Gámez AM, Nieto J, Mason TA. Evaluating the combined effects of renewal and response-dependent reinstatement. JOURNAL OF THE EXPERIMENTAL ANALYSIS OF BEHAVIOR. 2025. -. DOI:10.1002/jeab.70057. IF: 1,9 Q2 D5	GC20
Muñoz-Navarro R, Garrido LE, Esteller-Collado G, Carpallo-González M, Jurado-González F, Gálvez-Lara M, Prieto-Vila M, González-Blanch C, Ruíz-Rodríguez P, Moriana JA, Cano-Vindel A, Medrano LA. Evidence of a transdiagnostic cognitive-factor for the assessment of depression and anxiety disorders in primary care patients. JOURNAL OF AFFECTIVE DISORDERS. 2025. -. DOI:10.1016/j.jad.2025.119821. IF: 4,9 Q1 D2	GC20
Baiamonte R, Gámez AM. Evidence of AAB, ABA, and ABC renewal procedures for instrumental response in elementary school children. BEHAVIOURAL PROCESSES. 2025. -. DOI:10.1016/j.beproc.2025.105191. IF: 1,5 Q3 D	GC20
Velasco J, Sanmartín FJ, Cuadrado F, Moriana JA. Prevalence of Secondary Trauma, Compassion Fatigue and Burnout Among Trauma Therapists in Spain. COUNSELLING & PSYCHOTHERAPY RESEARCH. 2025. -. DOI:10.1002/capr.12901. IF: 1,3 Q3 D	GC20
Muñoz-Navarro R, Pérez-Jover V, Esteller-Collado G, Román CV, Salgueiro M, Llorca-Mestre A, Malonda-Vidal E, Canet-Cortell V, Moraga-García MJ, Coloma-Carmona A, Carpallo-González M, Prieto-Vila M, Barrio-Martínez S, Aguilera-Martín A, Gálvez-Lara M, Jurado-González F, Aguirre E, González-Blanch C, Ruíz-Rodríguez P, Moriana JA, Samper-García P, Mestre-Escrivá MV, Cano-Vindel A. Protocol to evaluate the effectiveness of the implementation of transdiagnostic cognitive behavioural therapy for emotional disorders in primary care and its mechanisms of change: a randomized step-wedge clinical trial (PsicAP-CV). PLOS ONE. 2025. -. DOI:10.1371/journal.pone.0320857. IF: 2,6 Q2 D4	GC20
Romero VG, Sánchez-Raya A, Reina CC, Hume KA. Spanish Adaptation of the TEACCH Fidelity Form. PSICOLOGIA EDUCATIVA. 2025. 153-169. DOI:10.5093/psed2025a17. IF: 1,1 Q3 D	GC20
Gámez AM, Rojas-Iturria F, Bernal-Gamboa R. The impact of an extinction reminder on AAB renewal is sensitive to the level of association with extinction. LEARNING & BEHAVIOR. 2025. 386-396. DOI:10.3758/s13420-025-00683-2. IF: 1,5 Q3 D	GC20
Antolí A, Rodriguez-Lozano FJ, Cañas JJ, Vacas J, Cuadrado F, Sánchez-Raya A, Pérez-Dueñas C, Gámez-Granados JC. Using explainable machine learning and eye-tracking for diagnosing autism spectrum and developmental language disorders in social attention tasks. FRONTIERS IN NEUROSCIENCE. 2025. -. DOI:10.3389/fnins.2025.1558621. IF: 3,2 Q2 D5	GC20
de Dios SML, Moriana JA, Pérez-Dueñas C, Martínez-Gual E, Alcaide AC, Matilla RG, Antolí A, Sánchez-Raya A. Psychometric properties and assessment of child development with the DAUCO Test scale. REVISTA DE PSICOLOGIA CLINICA CON NINOS Y ADOLESCENTES. 2025. 106-113. DOI:10.21134/rpcna.2025.12.2.4. IF: 0,8 Q4 D	GC20

PUBLICATIONS	IMIBIC GROUP
Garcia-Fernandez H, Alcala-Diaz JF, Quintana-Navarro GM, Lopez-Moreno J, Luque-Cordoba D, Narvaez ERD, Arenas-de Larriva AP, Gutierrez-Mariscal FM, Torres-Pena JD, Rodriguez-Cano D, Luque RM, Priego-Capote F, Lopez-Miranda J, Camargo A. Trimethylamine Oxidation into the Proatherogenic Trimethylamine N-Oxide Is Higher in Coronary Heart Disease Men: From the CORDIOPREV Study. WORLD JOURNAL OF MENS HEALTH. 2025. 249-258. DOI:10.5534/wjmh.230366. IF: 4,1 Q1 D1	GC21
Arenas-Montes J, Alcala-Diaz JF, Garcia-Fernandez H, Gutierrez-Mariscal FM, Lopez-Moreno A, Luque-Cordoba D, Larriva APAD, Torres-Pena JD, Luque RM, Prodam F, Priego-Capote F, Delgado-Lista J, Lopez-Miranda J, Camargo A. A microbiota pattern associated with cardiovascular events in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2025. 2104-2115. DOI:10.1093/eurheartj/ehaf181. IF: 35,1 Q1 D1	GC21
Garcia-Fernandez H, Arenas-Montes J, Gutierrez-Mariscal FM, Alcala-Diaz JF, Allais A, Arenas-de Larriva AP, Luque-Cordoba D, Torres-Peña JD, Romero-Cabrera JL, Luque RM, Priego-Capote F, Delgado-Lista J, Lopez-Miranda J, Camargo A. Sex-differences in endotoxemia and trimethylamine N-oxide according to the diet and type 2 diabetes status in coronary heart disease patients: from the CORDIOPREV study. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2025. -. DOI:10.3389/fcvm.2025.1527406. IF: 2,9 Q2 D4	GC21
Li X, Muñoz-Díez C, Miho H, Zhang LX, Li PW, Priego F, Oulbi S, Uyanik EB, Koubouris G, Perri E, Pérez-Marín D. Evaluation of phenolics in the analysis of virgin olive oil using near infrared spectroscopy. SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY. 2025. -. DOI:10.1016/j.saa.2024.125262. IF: 4,6 Q1 D2	GC21
Marx IMG, Priego-Capote F. Importance of malaxation conditions to virgin olive oil polar phenolic compounds content. FOOD CHEMISTRY. 2025. -. DOI:10.1016/j.foodchem.2025.143884. IF: 9,8 Q1 D1	GC21
Tomé-Rodríguez S, Ledesma-Escobar CA, Carpintero L, Dupuy J, Donadeu A, Macías-Vidal J, Cambra-López M, Pascual JJ, Priego-Capote F. In vitro and in vivo comparison of phytic acid dephosphorylation mechanisms by 3-and 6-phytases in broiler diets. ANIMAL FEED SCIENCE AND TECHNOLOGY. 2025. -. DOI:10.1016/j.anifeedsci.2025.116449. IF: 2,7 Q1 D2	GC21
Serrano-Rodríguez JM, Miraz R, Saitua A, de Castro ED, Ledesma-Escobar C, Ferreira-Vera C, Priego-Capote F, de Medina VS, de Medina AS. Metabolism, pharmacokinetics, and bioavailability of cannabigerol in horses following intravenous and oral administration with micellar and oil formulations. FRONTIERS IN VETERINARY SCIENCE. 2025. -. DOI:10.3389/fvets.2025.1688214. IF: 2,9 Q1 D2	GC21
Tome-Rodriguez S, Barba-Palomeque F, Calderon-Santiago M, Penco-Valenzuela JM, Priego-Capote F. Phenolic Metabolism Explains Bitterness and Pungency of Extra Virgin Olive Oils. FOODS. 2025. -. DOI:10.3390/foods14091620. IF: 5,1 Q1 D3	GC21
Zavala-Ortiz DA, González-Osorio KJ, Palacios-Perez DL, Infanzon-Rodriguez MI, Gomez-Rodriguez J, Ledesma-Escobar CA, Aguilar-Uscanga MG. Plant Cell Organoids of Catharanthus roseus: A Novel Biotechnological Platform for Vinblastine and Indole-Derived Alkaloids. BIOTECHNOLOGY AND BIOENGINEERING. 2025. 3496-3502. DOI:10.1002/bit.70053. IF: 3,6 Q2 D4	GC21
Granados MM, Medina-Bautista F, Navarrete-Calvo R, Argüelles D, Domínguez-Pérez JM, Priego-Capote F, Muñoz-Rascón P, Serrano-Rodríguez JM. Population pharmacokinetics and clinical evaluation of intravenous acetaminophen and its metabolites in Andalusian horses. VETERINARY JOURNAL. 2025. -. DOI:10.1016/j.tvjl.2025.106357. IF: 3,1 Q1 D1	GC21
Rodríguez M, Rojas-Vega F, Díaz-Alejo JF, Mahillo-Fernández I, Serrano C, López A, Morales-Ruiz T, Roldan-Arjona T, Sánchez-García J, Río-Machín A, Morillo D, Pérez MA, Córdoba R, Llamas-Sillero P, Rodríguez-Pinilla SM, Serrano-López J. CCL18: a potential immunosuppressive biomarker for prognosis in ABC diffuse large B-cell lymphoma. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1693730. IF: 5,9 Q1 D2	GC22
González D, Infante A, López L, Ceschin D, Fernández-Sanchez MJ, Cañas A, Zafra-Mejía C, Rojas A. Airborne fine particulate matter exposure induces transcriptomic alterations resembling asthmatic signatures: insights from integrated omics analysis. ENVIRONMENTAL EPIGENETICS. 2025. -. DOI:10.1093/eep/dvae026. IF: 3,2 Q2 D4	GC22
Camero C, Peña MJ, Bernal C, González D, Bermudez LG, Pulido Z, Padilla D, Infante A, Cañas A, Lopez-Kleine L, Rojas A. Analysis of the transcriptional profile of mononuclear cells from e-cigarette users. ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY. 2025. -. DOI:10.1016/j.ecoenv.2025.118485. IF: 6,1 Q1 D1	GC22

PUBLICATIONS	IMIBIC GROUP
Jordano-Raya M, Leon-Vázquez A, Ariza RR, Roldán-Arjona T, Cordoba-Cañero D. Comparative Analysis of the 3'-5' Exonuclease Activity of Human APE1 and Arabidopsis ARPAP Endonucleases. JOURNAL OF MOLECULAR BIOLOGY. 2025. -. DOI:10.1016/j.jmb.2025.169508. IF: 4,5 Q2 D3	GC22
Jordano-Raya M, Schrader CE, Ariza RR, Roldán-Arjona T, Córdoba-Cañero D. Divergent evolution of opposite base specificity and single-stranded DNA activity in animal and plant AP endonucleases. NUCLEIC ACIDS RESEARCH. 2025. -. DOI:10.1093/nar/gkae1297. IF: 13,1 Q1 D1	GC22
Gomez AL, Oddi S, Beckley MB, Schierano-Marotti G, Morales-Ruiz T, Martinez-Macías MI, Bosquiazzo VL, Roldán-Arjona T, Altamirano GA, Kass L. Involution is not modified by exposure to benzophenone-3 during pregnancy and mammary gland differentiation. CHEMICO-BIOLOGICAL INTERACTIONS. 2025. -. DOI:10.1016/j.cbi.2025.111795. IF: 5,4 Q1 D2	GC22
Pastor-Villaescusa B, Mandilaras G, Weisser J, Pattathu J, Haas NA, Jakob A. Diagnosis of Coronary Artery Aneurysm in a Caucasian Population Cohort: Evaluating the Agreement Between Japanese Criteria and Different Z Score Formulas. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14186581. IF: 2,9 Q1 D2	GC23
Olivé-Cirera G, Fonseca E, Chen LW, Fetta A, Martínez-Hernández E, Guasp M, González-Alvarez V, Delgadillo V, Cantarín-Extremera V, Jiménez-Legido M, Monge-Galindo L, Felipe A, Beseler B, Turón-Viñas E, Fernández-Ramos J, Martínez-González MJ, Vázquez-López M, Fernandez LA, Alvarez-Molinero M, Muñoz-Cabello B, Camacho A, Nuñez-Enamorado N, Spatola M, Sabater L, Blanco Y, Saiz A, Graus F, Dalmau J, Armangué T. Differential diagnosis and comparison of diagnostic algorithms in children and adolescents with autoimmune encephalitis in Spain: a prospective cohort study and retrospective analysis. LANCET NEUROLOGY. 2025. 54-64. DOI:10.1016/S1474-4422(24)00443-5. IF: 45,5 Q1 D1	GC23
Jalali K, Pastor-Villaescusa B, Flores-Rojas K, Pleguezuelos V, Pérez-Cano FJ, Franch-Masferrer A, Trujillo-Mesa AJ, Hernández-Herrero MM, Roig-Sagués AX. Evaluation of Ultra-High Pressure Homogenization Treatments to Ensure the Microbiological Safety and Immunoglobulin Preservation in Donor Human Milk. FOODS. 2025. -. DOI:10.3390/foods14081310. IF: 5,1 Q1 D3	GC23
Skapino E, Gonzalez-Gayan L, Seral-Cortes M, Sabroso-Lasa S, Llorente-Cereza MT, Leis R, Aguilera CM, Campos MG, Moreno LA, Bueno-Lozano G. Independent effect of body fat content on inflammatory biomarkers in children and adolescents: The GENOBOX study. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES. 2025. -. DOI:10.1016/j.numecd.2024.103811. IF: 3,7 Q1 D3	GC23
Gomez-Garcia C, Maher CA, Sañudo B, Jurado-Castro JM. Mobile Health Interventions for Individuals with Type 2 Diabetes and Overweight or Obesity-A Systematic Review and Meta-Analysis. JOURNAL OF FUNCTIONAL MORPHOLOGY AND KINESIOLOGY. 2025. -. DOI:10.3390/jfmrk10030292. IF: 2,5 Q2 D4	GC23
Torres-Martos A, Requena F, López-Rodríguez G, Hernández-Cabrera J, Galván M, Solís-Pérez E, Romo-Tello S, Jasso-Medrano JL, Vilchis-Gil J, Klünder-Klünder M, Martínez-Andrade G, Enríquez MEA, Aristizabal JC, Ramírez-Mena A, Stratakis N, Bustos-Aibar M, Gil A, Gil-Campos M, Bueno G, Leis R, Alcalá-Fdez J, Aguilera CM, Anguita-Ruiz A. ObMetrics: A Shiny app to assist in metabolic syndrome assessment in paediatric obesity. PEDIATRIC OBESITY. 2025. -. DOI:10.1111/ijpo.70016. IF: 2,7 Q1 D2	GC23
Marmol-Perez A, Ubago-Guisado E, Llorente-Cantarero FJ, Cadenas-Sanchez C, Rodriguez-Solana A, Gil-Cosano JJ, Pascual-Gázquez JF, Ruiz JR, Gracia-Marco L. Paediatric cancer survivors: lean mass attenuates negative impact of watching television on bone. PEDIATRIC RESEARCH. 2025. 210-217. DOI:10.1038/s41390-024-03714-2. IF: 3,1 Q1 D2	GC23
de Cuevillas B, Riezu-Boj JI, Milagro FI, Alquegui SG, Babio N, Pastor-Villaescusa B, Gil-Campos M, Leis R, De Miguel-Etayo P, Moreno LA, Salas-Salvadó J, Martínez JA, Navas-Carretero S. Parent-child microbiota relationships involved in childhood obesity: A CORALS ancillary study. NUTRITION. 2025. -. DOI:10.1016/j.nut.2024.112603. IF: 3 Q2 D5	GC23
Picaud JC, Claris O, Gil-Campos M, de la Cueva IS, Cornette L, Alliet P, Léké A, Castanet M, Piloquet H, de Halleux V, Mitanchez D, Vandenplas Y, Maton P, Jochum F, Olbertz D, Policarpo SN, Lavalley L, Fumero C, Rodriguez-Garcia P, Moll JM, Silva-Zolezzi I, Zemrani B, Hays NP, Sprenger N, Miranda-Mallea J. Partially hydrolyzed, whey-based infant formula with six human milk oligosaccharides, B. infantis LMG11588, and B. lactis CNCM I-3446 is safe, well tolerated, and improves gut health: a staged analysis of a randomized trial. FRONTIERS IN NUTRITION. 2025. -. DOI:10.3389/fnut.2025.1628847. IF: 5,1 Q1 D2	GC23

PUBLICATIONS	IMIBIC GROUP
Redondo-Tébar A, Rodriguez-Solana A, Gracia-Marco L, Marmol-Perez A, Gil-Cosano JJ, Cadenas-Sánchez C, Llorente-Cantarero FJ, Pascual-Gázquez JF, Herrada-Robles M, Sanchez-López M, Ubago-Guisado E. Physical Activity, Fitness, and Health-Related Quality of Life in Children and Adolescent Cancer Survivors: A Cross-Sectional Study (iBoneFIT Project). CANCERS. 2025. -. DOI:10.3390/cancers17061030. IF: 4,4 Q2 D3	GC23
Puig-Ram C, Segovia S, Garcia-Uzquiano R, Garzón NCÑ, Aragon-Gawinska K, Romero MG, Expósito-Escudero JM, Carrera-García L, López-Lobato M, Paradas C, Mera LG, Molinero MA, Andrés DG, Toro E, Ramos JAF, Grimalt MA, de Laguna LTB, Barrios DG, Tizzano EF, Cattinari MG, Medina J, Medina RC, Munell F, Sotoca J, Martínez-Salcedo E, Escribano AM, Panadés MP, Fernández-García MA, Pitarch-Castellano I, Vázquez-Costa JF, Benito DND, Nascimento A. Real-world data on spinal muscular atrophy in Spain: Insights from over 500 individuals in the CuidAME project. JOURNAL OF NEUROMUSCULAR DISEASES. 2025. 837-848. DOI:10.1177/22143602251361190. IF: 3,4 Q2 D3	GC23
Rodríguez-Perea A, Jerez-Mayorga D, Ubago-Guisado E, Marmol-Perez A, Jiménez-Lupión D, Rodríguez-Solana A, Rios LJC, Llorente-Cantarero FJ, Herrada-Robles M, Gracia-Marco L. Sit to stand is a new reliable method for assessing strength, power, and velocity exercise in adult pediatric cancer survivors. JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY. 2025. -. DOI:10.1007/s00432-025-06225-7. IF: 2,8 Q2 D5	GC23
López-Fernández YM, Martínez-de-Azagra A, Reyes-Domínguez SB, Gómez-Zamora A, Herrera-Castillo L, Coca-Pérez A, Parrilla-Parrilla J, Medina A, García-Iñiguez JP, Brezmes-Raposo M, Hernández-Yuste A, de la Fuente AML, de la Rosa II, León-González JS, Trastoy-Quintela J, Arjona-Villanueva D, González-Martín JM, Szakmany T, Villar J. The Prevalence and Outcome of Acute Hypoxemic Respiratory Failure (PANDORA) Study in Mechanically Ventilated Children: Prospective Multicenter Epidemiology in Spain, 2019-2021. PEDIATRIC CRITICAL CARE MEDICINE. 2025. e759-e772. DOI:10.1097/PCC.0000000000003743. IF: 4,5 Q1 D1	GC23
Martín-Hernández E, Bellusci M, Pérez-Mohand P, Medina PC, Blasco-Alonso J, Morais-López A, de las Heras J, Olivas SMM, Dougherty-de Miguel L, Couce ML, Villarroya EC, Jiménez MCG, Moreno-Lozano PJ, Vives I, Gil-Campos M, Stanescu S, Ceberio-Hualde L, Camprodón M, Cortès-Saladelafont E, López-Urdiales R, Hurtado MM, Armenteros AMM, Córcoles CS, Peña-Quintana L, Ruiz-Pons M, Alcalde C, Castellanos-Pinedo F, Dios E, Barrio-Carreras D, Martín-Cazaña M, García-Peris M, Andrade JD, García-Volpe C, de los Santos M, García-Cazorla A, del Toro M, Felipe-Rucián A, Monroy MJC, Sánchez-Pintos P, Matas A, Ortega DG, Martín-Rivada A, Bergua A, Belanger-Quintana A, Vitoria I, Yahyaoui R, Pérez B, Morales-Conejo M, Quijada-Fraile P. Understanding the Natural History and the Effects of Current Therapeutic Strategies on Urea Cycle Disorders: Insights from the UCD Spanish Registry. NUTRIENTS. 2025. -. DOI:10.3390/nu17071173. IF: 5 Q1 D2	GC23
Larruy-García A, De Miguel-Etayo P, Babio N, Flores-Rojas K, Picáns-Leis R, Gómez-Martínez C, Miguel-Berges ML, Martínez JA, Corella D, de la Torre-aguilar MJ, Vázquez-Cobela R, Shyam S, Pastor-Villaescusa B, Córdoba-Rodríguez DP, Schröder H, de la Puente MF, Jurado-Castro JM, Ni JQ, Navas-Carretero S, Leis R, Gil-Campos M, Salas-Salvadó J, Moreno LA. Validity of the MED4CHILD tool for assessing adherence to the Mediterranean diet in preschool children. EUROPEAN JOURNAL OF PEDIATRICS. 2025. -. DOI:10.1007/s00431-024-05945-1. IF: 2,6 Q1 D2	GC23
Jiménez DG, Delgado JR, Campoy C, Martínez RG, Gil-Campos M, Ferreiro SR, Pipaón MSD, Leis R. Vitamin D supplementation in the healthy pediatric population. ANALES DE PEDIATRIA. 2025. -. DOI:10.1016/j.anpedi.2025.503874. IF: 2,1 Q2 D4	GC23
Plaza-Astasio V, Pastor-Villaescusa B, Rico-Prados MC, Mesa-García MD, Párraga-Quiles MJ, Ruiz-González MD, Jaraba-Caballero P, Tofé-Valera I, de la Torre-Aguilar MJ, Ordóñez-Díaz MD. Preventing Sepsis in Preterm Infants with Bovine Lactoferrin: A Randomized Trial Exploring Immune and Antioxidant Effects. NUTRIENTS. 2025. -. DOI:10.3390/nu17193154. IF: 5 Q1 D2	GC23
Prieto-Berchez G, González-Campillo MT, Vicente-Rueda J, López-Laso E. Mineralizing angiopathy: A cause of arterial ischemic stroke in early childhood after mild head trauma. NEUROLOGIA. 2025. 468-472. DOI:10.1016/j.nrl.2024.05.001. IF: 3,1 Q2 D4	GC23
Palomino-Fernandez L, Villarejo-Perez A, Fernandez-Fuentes C, Sanchez-Codez MI, Leon ND, Gallego-Gutierrez S, Peromingo-Matute E, Carazo-Gallego B, Lopez-Laso E, Cano-Cabrera M, Falcon-Neyra L, Neth O, Ruiz-Saez B. Could Intravenous Immunoglobulin Be an Alternative Therapy for Treating Infant Botulism in Areas Where Human Botulism Immunoglobulin Is Not Easily Available?: Our Experience in Andalusia, Spain. PEDIATRIC INFECTIOUS DISEASE JOURNAL. 2025. e193-e198. DOI:10.1097/INF.0000000000004727. IF: 2,2 Q2 D3	GC23

PUBLICATIONS	IMIBIC GROUP
Palomino-Fernández L, Velasco I, Pastor-Villaescusa B, Flores-Rojas K, Rico MD, Roa J, Gil A, Gil-Campos M. Metabolic and inflammatory status in prepuberty and early adulthood for individuals with a history of extrauterine growth restriction: a cohort study. JOURNAL OF TRANSLATIONAL MEDICINE. 2025. -. DOI:10.1186/s12967-024-06053-2. IF: 7,5 Q1 D2	GC23
Larruy-García A, Miguel-Berges ML, Rueda-De Torre I, Pastor-Villaescusa B, Leis R, Babio N, Navas-Carretero S, Corella D, Pérez A, Gil-Campos M, Picáns-Leis R, Garcia-Gavilán J, Flores-Barrante P, Martínez JA, Llorente-Cantarero FJ, Vázquez-Cobela R, Paz-Graniel I, Ayala-Marín AM, Jurado-Castro JM, de la Torre-Aguilar MJ, Gheorghita I, Moreno LA, De Miguel-Etayo P. Cross-sectional associations between Mediterranean diet and body composition in preschool children. CORAL study. PEDIATRIC OBESITY. 2025. -. DOI:10.1111/ijpo.70014. IF: 2,7 Q1 D2	GC23
García-Pérez P, Vázquez-Aguilar A, Sánchez-Rodríguez E, Jurado-Castro JM, Pastor-Villaescusa B, Gil-Campos M, Rangel-Huerta OD, Gil A, Aguilera CM, Mesa MD, Rocchetti G, Lucini L. Chemometrics-guided plasma lipidomics insights underlying the decrease of plasma total cholesterol and LDLc in children with hypercholesterolemia following habitual intake of an EVOO-based phytosterols-enriched spreadable cream. METABOLOMICS. 2025. -. DOI:10.1007/s11306-025-02368-3. IF: 3,3 Q2 D5	GC23
De Miguel-Etayo P, Flores-Rojas K, Vázquez-Cobela R, Jurado-Castro JM, Larruy-García A, Picans-Leis R, Castro-Collado C, Pastor-Villaescusa B, Llorente-Cantarero FJ, Aguilera CM, Gil-Campos M, Leis R, Moreno LA, MELI POP Study Grp. MELI-POP Study: Mediterranean Lifestyle in Pediatric Obesity Prevention. Study protocol for a randomized controlled trial. BMC PUBLIC HEALTH. 2025. -. DOI:10.1186/s12889-025-24351-2. IF: 3,6 Q1 D2	GC23
Iglesias-Vázquez L, Garcidueñas-Fimbres TE, Gómez-Martínez C, Castro-Collado C, Leis R, de la Puente MF, Moreno LA, Navas-Carretero S, Corella D, Echeverría AM, Jurado-Castro JM, Picáns-Leis R, Ni JQ, Miguel-Berges ML, Martinez JA, Benedicto-Toboso MI, Llorente-Cantarero F, Vázquez-Cobela R, Feliu A, Masip G, Pastor-Villaescusa B, Gil-Campos M, Escribano J, Babio N. Sleep duration moderates association between screen time and emotional and behavioural problems in young children. WORLD JOURNAL OF PEDIATRICS. 2025. 1140-1151. DOI:10.1007/s12519-025-00963-x. IF: 4,5 Q1 D1	GC23
Castro-Collado C, Jurado-Castro JM, Gil-Campos M, Rico MC, Pastor-Villaescusa B, Quintana-Navarro GM, Llorente-Cantarero FJ. Changes in body composition and low-grade inflammation status in boys during a basketball afterschool program for three years. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-22628-5. IF: 3,9 Q1 D2	GC23
Castro-Collado C, Jurado-Castro JM, Gil-Campos M, Pastor-Villaescusa B, Quintana-Navarro GM, Llorente-Cantarero FJ. Effects of After-School Basketball Program on Physical Fitness and Cardiometabolic Health in Prepubertal Boys. SPORTS. 2025. -. DOI:10.3390/sports13090291. IF: 2,9 Q1 D3	GC23
Castro-Collado C, Llorente-Cantarero FJ, Gil-Campos M, Jurado-Castro JM. Basketball's Improvement in Bone Mineral Density Compared to Other Sports or Free Exercise Practice in Children and Adolescents: A Systematic Review and Meta-Analysis. CHILDREN-BASEL. 2025. -. DOI:10.3390/children12030271. IF: 2,1 Q2 D4	GC23
Jurado-Castro JM, Pastor-Villaescusa B, Castro-Collado C, Gil-Campos M, Leis R, Babio N, Moreno LA, Navas-Carretero S, Portolés O, Echeverría AM, De La Torre-Aguilar MJ, Picáns-Leis R, Salas-Salvadó J, de Miguel-Etayo P, Flores-Rojas K, Vázquez-Cobela R, Sales JV, Miguel-Berges ML, Izquierdo-López I, Gómez-Martínez C, Córdoba-Rodríguez DP, Mimbrero G, Llorente-Cantarero FJ. Evaluation of Physical Activity, Sedentary Patterns, and Lifestyle Behavior in Spanish Preschool Children from the CORALS Cohort. SPORTS MEDICINE-OPEN. 2025. -. DOI:10.1186/s40798-025-00865-2. IF: 5,9 Q1 D1	GC23
Casanova-Rodríguez D, Ranchal-Sánchez A, Rodríguez RB, Jurado-Castro JM. Aerobic Exercise Prescription for Pain Reduction in Fibromyalgia: A Systematic Review and Meta-Analysis. EUROPEAN JOURNAL OF PAIN. 2025. -. DOI:10.1002/ejp.4783. IF: 3,4 Q1 D2	GC23
Ranchal-Lavela C, Casanova-Rodríguez D, Ranchal-Sanchez A, Torre-Aguilar MJD, Jurado-Castro JM. Time- and Dose-Dependent Cardiovascular Effects of Nicotine-Containing Electronic Cigarettes in Young Adults: A Systematic Review and Meta-Analysis. TOXICS. 2025. -. DOI:10.3390/toxics13100831. IF: 4,1 Q1 D3	GC23

PUBLICATIONS	IMIBIC GROUP
Comino-Monroy MJ, Jurado-Castro JM, Gil-Campos M, Alarcon-Roldan MA, Castro-Collado C, Luque B, Vivas S, Flores-Rojas K. Implementation of a grupal intervention program for the treatment of obesity in children: PinPO. TRIALS. 2025. -. DOI:10.1186/s13063-025-08908-5. IF: 2 Q3 D	GC23
González AMF, Lorenzo NM, Huertos BC, Del Río MC, García FJG, Kindelan AA. Mucormycosis Infection in Lung Transplant Patients: Experience in Andalusia, Spain. TRANSPLANTATION PROCEEDINGS. 2025. 70-72. DOI:10.1016/j.transproceed.2024.11.030. IF: 0,8 Q3 D	GC24
Fuentes A, Estévez-Escobar M, De Salazar A, Escolano ER, Montiel N, Macías M, Alados JC, Aguilar JC, Pérez AB, Baena PB, Cabezas T, Camelo-Castillo A, Palop B, Grande RG, Viciana I, Bandera JMP, Sánchez FF, Lozano MD, Giráldez A, Domínguez MD, Maté CJ, Arellano ER, Cordero P, De Luna FFA, del Pino P, Salgado AD, Pérez D, Sampedro A, Garrido MAL, Luzón-García MP, Salas-Coronas J, Roldán C, García F, Freyre C, Rodríguez GS, Rosales-Zabal JM, Domínguez-Hernández R, Casado M, García F. Double reflex testing improves the efficacy and cost effectiveness of hepatitis delta diagnosis in southern Spain. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-00101-7. IF: 3,9 Q1 D2	GC24
Recio-Rufian M, López-Viñau T, Gálvez-Soto V, Cano A, Ruiz-Montero R, Gutiérrez-Gutiérrez B, Gracia-Ahufinger I, Peñalva G, Marín-Sanz JA, Marin-Sanz M, Segorbe D, Pineda-Capitán JJ, Muñoz-Rosa M, Riazzo C, Giovagnorio F, Ruiz-Arabi E, Torres-Peña JD, Castón JJ, Machuca I, Salcedo-Leal I, Martínez-Martínez L, Pérez-Nadales E, Torre-Cisneros J. Incidence, clinical and genomic trends of hospital- and Non-hospital-onset KPC-producing Klebsiella pneumoniae infections before and during the COVID-19 era: a ten-year interrupted time series study. ANTIMICROBIAL RESISTANCE AND INFECTION CONTROL. 2025. -. DOI:10.1186/s13756-025-01614-6. IF: 4,4 Q1 D2	GC24
Recacha E, Delgado-Valverde M, Pulido MR, Pérez-Nadales E, Pérez-Palacios P, Portillo-Calderón I, Sánchez-Calvo JM, Gracia-Ahufinger I, Pascual A. Characterization of a blaKPC-3-carrying plasmid in a clinical isolate of Klebsiella pneumoniae belonging to the emerging successful clone ST147. MICROBIOLOGY SPECTRUM. 2025. -. DOI:10.1128/spectrum.02338-24. IF: 3,8 Q2 D4	GC24
Machuca I, Dominguez A, Amaya R, Arjona C, Gracia-Ahufinger I, Carralon M, Giron R, Gea I, De Benito N, Martin A, Galan F, Martinez JA, Iglesias R, Revuelto J, Caston JJ, Cano A, Ruiz-Arabi E, Martínez-Martínez L, Torre-Cisneros J. Real-World Experience of Imipenem-Relebactam Treatment as Salvage Therapy in Difficult-to-Treat Pseudomonas aeruginosa Infections (IMRECOR Study). INFECTIOUS DISEASES AND THERAPY. 2025. 283-292. DOI:10.1007/s40121-024-01077-z. IF: 5,3 Q1 D2	GC24
Rodríguez-Goncer I, Ruiz-Arabi E, Herrera S, Sabé N, Los-Arcos I, Silva JT, Perez-Nadales E, Machuca I, Alvarez R, Valerio M, Castón JJ, Aguilera V, Bodro M, Cano A, Cantón R, Carmona P, Carratalà J, Cordero E, Cruzado JM, Fariñas MC, Fernández-Ruiz M, Fondevila C, Fortún J, García-Cosío MD, Gutiérrez-Dalmau A, Iturbe D, Justo I, Len O, López-Medrano F, Oliva MOL, Martín-Dávila P, Martínez-Martínez L, Mazuecos A, Mirabet S, Muñoz P, Oliver A, Pérez-Sáez MJ, Rodríguez-Gómez J, San-Juan R, Sánchez-Céspedes J, Solé A, Verdú EV, Villa J, Torre-Cisneros J, Aguado JM. Management of multidrug-resistant gram-negative bacilli infections in adult solid organ transplant recipients: GESITRA-IC/SEIMC, CIBERINFEC, and SET recommendations update.. TRANSPLANTATION REVIEWS. 2025. -. DOI:10.1016/j.trre.2025.100937. IF: 2,5 Q2 D4	GC24
Geurtsen J, Doua J, Martinez-Martinez L, de Palacios PI, Powis J, Sims M, Hermans P, Barraud O, Lanotte P, Thaden J, Go O, Spiessens B, Abbanat D, Wagenlehner F, Matsumoto T, Bonten M, Sarnecki M, Poolman J. A retrospective global study of the prevalence of O-serotypes of invasive Escherichia coli disease in patients admitted to tertiary care hospitals. EPIDEMIOLOGY & INFECTION. 2025. -. DOI:10.1017/S0950268825100344. IF: 2,2 Q2 D5	GC24
Sánchez-Peña L, Rodríguez-Pallares S, Aja-Macaya P, Blanco-Martín T, González-Pinto L, Pérez-Rodríguez G, Le Terrier C, Portillo-Calderón I, Recacha E, Riazzo C, Vázquez-Ucha JC, Beceiro A, Aracil B, Oteo-Iglesias J, Martínez-Martínez L, Poirel L, Bou G, Arca-Suárez J. Broad spectrum of β-lactamase coverage and potent antimicrobial activity of xeruborbactam in combination with meropenem against carbapenemase-producing Enterobacterales, including strains resistant to new β-lactam/β-lactamase inhibitor combinations. ANTIMICROBIAL AGENTS AND CHEMOTHERAPY. 2025. -. DOI:10.1128/aac.00533-25. IF: 4,5 Q1 D2	GC24

PUBLICATIONS	IMIBIC GROUP
Dominguez CM, Oueslati S, Al Laham N, Nermont R, Volland H, Naas T. Comparison of Two Lateral Flow Immunochromatographic Assays for Rapid Detection of KPC, NDM, IMP, VIM and OXA-48 Carbapenemases in Gram-Negatives. MICROORGANISMS. 2025. -. DOI:10.3390/microorganisms13092140. IF: 4,2 Q2 D4	GC24
Ferrer R, Luque S, Martínez-Martínez L, de Lossada A, Maroto-Díaz M, Moya-Alarcón C, de Ceano-Vivas MC, Moreno Y, Dennis J, Nikolova S, Zormpas E, Broughton E, Gheorghe M. Estimating the Value of Aztreonam-Avibactam in Treating Metallo-beta-Lactamase-Producing Enterobacterales Infections in Spain Using the STEDI AMR Value Framework. INFECTIOUS DISEASES AND THERAPY. 2025. 2071-2092. DOI:10.1007/s40121-025-01202-6. IF: 5,3 Q1 D2	GC24
Roca-Grande J, Mir-Cros A, Muñoz-Almagro C, Lung MY, Bellés-Bellés A, Càmara J, Cercenado E, Galán-Ladero MA, Martín-Nalda A, Moreno-Mingorance A, de la Cruz DN, Orellana MA, Palop B, Pérez-Argüello A, Puigsech-Boixeda G, Quesada MD, Rivera A, Rodríguez-Fernandez A, de Gopegui ER, Sarvisé C, Soler-Garcia A, Viñado B, Larrosa N, González-López JJ, GE EMIE Study Team. Genomic characterization of invasive Neisseria meningitidis in Spain (2011/12-2022/23): expansion of clonal complex 213 and the potential threat to 4CMenB vaccine strain coverage. EMERGING MICROBES & INFECTIONS. 2025. -. DOI:10.1080/22221751.2025.2482696. IF: 7,5 Q1 D1	GC24
Aranaga C, Varela R, Falco A, Villa J, Moreno LM, Causse M, Martínez-Martínez L. In Vitro Activity of the Triazinyl Diazepine Compound FTSD2 Against Drug-Resistant Mycobacterium tuberculosis Strains. PHARMACEUTICALS. 2025. -. DOI:10.3390/ph18030360. IF: 4,8 Q1 D2	GC24
Sastre-Femenia MA, Fernández-Muñoz A, Gomis-Font MA, Taltavull B, López-Causapé C, Arca-Suárez J, Martínez-Martínez L, Cantón R, Larrosa N, Oteo-Iglesias J, Oliver A. Spanish nationwide survey of Pseudomonas aeruginosa cefiderocol antimicrobial susceptibility and resistance genomics. INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS. 2025. -. DOI:10.1016/j.ijantimicag.2025.107563. IF: 4,6 Q1 D2	GC24
Blanco-Martin T, Guzmán-Puche J, Hernández-Garcia M, Muñoz-Rosa M, Elias-López C, Riazzo C, Torre-Cisneros J, Arca-Suárez J, Causse M, Bou G, Cantón R, Martinez-Martinez L. Mechanisms of resistance to ceftazidime/avibactam in mutants derived in vitro from Klebsiella pneumoniae producing OXA-48-like enzymes. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2025. 3265-3272. DOI:10.1093/jac/dkaf360. IF: 3,6 Q2 D4	GC24
Muñoz-Rosa M, Elías-López C, Pedraza R, Riazzo C, Arjona-Torres C, Machuca I, Tejero-García R, Torre-Cisneros J, Martínez-Martínez L. In Vitro Activity of Delafloxacin Against Corynebacterium spp.. ANTIBIOTICS-BASEL. 2025. -. DOI:10.3390/antibiotics14100973. IF: 4,6 Q1 D2	GC24
Rivera-Sanchez SP, Ocampo-Ibáñez ID, Moncaleano MC, Liscano Y, Elvira LJF, Salazar YAA, Martinez-Martínez L, Oñate-Garzon J. In Vitro and In Silico Wound-Healing Activity of Two Cationic Peptides Derived from Cecropin D in Galleria mellonella. ANTIBIOTICS-BASEL. 2025. -. DOI:10.3390/antibiotics14070651. IF: 4,6 Q1 D2	GC24
Caballero-Gómez J, Casares-Jimenez M, Gallo-Marín M, Pereira-Pardo S, Beato-Benítez A, Poyato A, Guerra R, Avellón A, Schilling-Loeffler K, Freyre-Carrillo C, García-Bocanegra I, Jiménez-Martin D, Corona-Mata D, Viciania I, Fajardo T, Muñoz-Chimeno M, Quevedo MA, Rios-Muñoz L, Pérez AB, Cano-Terriza D, Macías J, Fuentes A, John R, Rivero-Juarez A, Rivero A. Rat hepatitis E virus as an aetiological agent of acute hepatitis of unknown origin. JOURNAL OF HEPATOLOGY. 2025. 662-669. DOI:10.1016/j.jhep.2025.02.027; 10.1016/j.jhep.2025.02.027. IF: 33 Q1 D1	GC24
Santos-Silva S, López-López P, Pérez AB, Freyre-Carrillo C, Fuentes A, Rivero-Juárez A, van der Poel WHM, Mesquita JR, Gonçalves HMR. Development and clinical evaluation of a nanoparticle-based biosensor for rapid detection of Hepatitis E virus in human serum. ANALYTICA CHIMICA ACTA. 2025. -. DOI:10.1016/j.aca.2025.344758. IF: 6 Q1 D2	GC24
Barbero-Moyano J, González M, Bravo-Barriga D, García-Bocanegra I, López-López P, Rivero-Juárez A, Ruiz-Fons F, Moreno I, Carpio AJ, Martínez R, Pérez AB, Jimenez MA, Rivero A, Riscalde MA. Epidemiological landscape in a Mediterranean hotspot of human leishmaniosis in Spain under a One Health approach. PATHOGENS AND GLOBAL HEALTH. 2025. 122-133. DOI:10.1080/20477724.2025.2480083. IF: 2,5 Q2 D3	GC24

PUBLICATIONS	IMIBIC GROUP
Lopez C, Sanchez-Sanchez R, Corona D, Perez AB, Bravo F, de Alba M, Bracero A, Cazorla C, Vázquez A, Sánchez-Seco MP, Negredo A, Gómez-Pinedo U, Martínez-Martínez L, Torre-Cisneros J, de la Fuente C. A Fatal Case of Monkeypox-Associated Encephalitis in a Non-HIV-Infected Patient. CRITICAL CARE EXPLORATIONS. 2025. -. DOI:10.1097/CCE.0000000000001272. IF: 2,7 Q2 D5	GC24
Rodríguez-Gómez J, Gracia-Ahufinger I I, Carmona-Flores R, Guzmán-Puche J, León R, Pérez-Nadales E, de la Rosa MM, Natera AM, Castón JJ, Cano A, Pineda-Capitán JJ, López C, de la Fuente-martos C, Torre-Cisneros J, Martínez-Martínez L. Efficacy of high doses of intravenous fosfomycin for treatment of urinary tract infection caused by KPC carbapenemase-producing Klebsiella pneumoniae : An observational study. JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE. 2025. 138-143. DOI:10.1016/j.jgar.2024.12.013. IF: 3,2 Q2 D4	GC24
Yahya MA, Moya AR, Ventura S. Deep learning for multivariate time series anomaly detection: an evaluation of reconstruction-based methods. ARTIFICIAL INTELLIGENCE REVIEW. 2025. -. DOI:10.1007/s10462-025-11401-9. IF: 13,9 Q1 D1	GC25
Alasady YMA, Pérez E, Ventura S. Design of novel intelligent electronic trap for early detection and monitoring of tomato crops pest Tuta Absoluta using Deep learning. ALEXANDRIA ENGINEERING JOURNAL. 2025. 817-829. DOI:10.1016/j.aej.2025.06.054. IF: 6,8 Q1 D1	GC25
Youb I, Ventura S, Hamlich M, Al-Obeidat F. Enhancing text classification with BERT-based graph representations using novel contextual metrics. PROGRESS IN ARTIFICIAL INTELLIGENCE. 2025. 387-397. DOI:10.1007/s13748-025-00377-w. IF: 2,4 Q3 D	GC25
Almeda-Luna E, Luna JM, Ventura S. Exploring free radiomics software tools: a multiparametric evaluation for cancer classification. BMC MEDICAL IMAGING. 2025. -. DOI:10.1186/s12880-025-02115-z. IF: 3,2 Q1 D3	GC25
Muñoz EG, Meza J, Ventura S. Fuzzy Logic Recommender Model for Housing. IEEE ACCESS. 2025. 11380-11395. DOI:10.1109/ACCESS.2025.3527924. IF: 3,6 Q2 D4	GC25
Ordoñez-Avila R, Meza J, Ventura S. Mining autonomous student patterns score on LMS within online higher education. PEERJ COMPUTER SCIENCE. 2025. -. DOI:10.7717/peerj-cs.2855. IF: 2,5 Q2 D4	GC25
Esteban A, Cano A, Ventura S, Zafra A. Simultaneous fault prediction in evolving industrial environments with ensembles of Hoeffding adaptive trees. APPLIED INTELLIGENCE. 2025. -. DOI:10.1007/s10489-025-06786-7. IF: 3,5 Q2 D5	GC25
Boutaky G, Youb I, Kokou GD, Mialed K, Vernier E, Hamlich M, Ventura S, Boutaky S. Toward predicting entrepreneurial activity among Moroccan Entrepreneurs: A machine learning approach. INDUSTRY AND HIGHER EDUCATION. 2025. 170-186. DOI:10.1177/09504222241266681. IF: 1,9 Q2 D3	GC25
Martinez-Heredia AM, Ventura S. Weak Supervision: A Survey on Predictive Maintenance. WILEY INTERDISCIPLINARY REVIEWS-DATA MINING AND KNOWLEDGE DISCOVERY. 2025. -. DOI:10.1002/widm.70022. IF: 11,7 Q1 D1	GC25
Gil-Gavilán DG, Rojas-Luna R, Amaro-Gahete J, Cosano D, Castillo-Rodríguez M, Esquivel D, Roy S, Ruiz JR, Romero-Salguero FJ. Zn-Cr LDH/Graphene Oxide Composites for Selective Photocatalytic CO2 Reduction toward CO under Visible Light Irradiation. ENERGY & FUELS. 2025. 9134-9145. DOI:10.1021/acs.energyfuels.5c00732. IF: 5,3 Q1 D3	GC25
Gil-Gavilán DG, Rojas-Luna R, Amaro-Gahete J, Cosano D, Castillo-Rodríguez M, Esquivel D, Roy S, Ruiz JR, Romero-Salguero FJ. Zn-Cr LDH/Graphene Oxide Composites for Selective Photocatalytic CO2 Reduction toward CO under Visible Light Irradiation. ENERGY & FUELS. 2025. 9134-9145. DOI:10.1021/acs.energyfuels.5c00732. IF: 5,3 Q1 D3	GC25
Dudman S, Zerja A, Hasanoglu I, Ruta S, van Welzen B, Nicolini LA, Yonga P, Overbo J, Rawat S, Habibovic S, Kim TB, Rivero-Juarez A, ESGVH Members. Global vaccination against hepatitis E virus: position paper from the European Society of Clinical Microbiology and Infectious Diseases Viral Hepatitis Study Group. CLINICAL MICROBIOLOGY AND INFECTION. 2025. 201-210. DOI:10.1016/j.cmi.2024.11.016. IF: 8,5 Q1 D1	GC26
López-López P, Cruz AVS, Santos-Silva S, Rivero-Juárez A, Rebelo H, Mesquita JR. Molecular Survey of Protist Enteroparasites in Bats (Order Chiroptera) from Portugal. ACTA PARASITOLOGICA. 2025. -. DOI:10.1007/s11686-024-00985-x. IF: 1,5 Q2 D4	GC26

PUBLICATIONS	IMIBIC GROUP
Santos-Silva S, Palmeira JD, Ferreira H, Romalde JL, Gonçalves HMR, Van der Poel WHM, Nascimento MSJ, Rivero-Juarez A, Mesquita JR. Absence of hepatitis E virus RNA in bovines from Portugal. VETERINARY RESEARCH COMMUNICATIONS. 2025. -. DOI:10.1007/s11259-025-10839-0. IF: 2 Q2 D3	GC26
Cano-Terriza D, Fernández-Bastit L, Vergara-Alert J, Vázquez-Calero DB, Castro-Scholten S, Caballero-Gómez J, García-Bocanegra I, Segalés J. Assessment of SARS-CoV-2 exposure in exotic pets in Spain. COMPARATIVE IMMUNOLOGY MICROBIOLOGY AND INFECTIOUS DISEASES. 2025. -. DOI:10.1016/j.cimid.2024.102289. IF: 2 Q2 D3	GC26
Figueiredo AM, Dashti A, Maloney JG, Molokin A, George NS, Köster PC, Bailo B, de las Matas AS, Habela MA, Rivero-Juarez A, Vicente J, Serrano E, Arnal MC, de Luco DF, Morrondo P, Armenteros JA, Balseiro A, Cardona GA, Martínez-Carrasco C, Torres RT, Fonseca C, Mysterud A, Carvalho J, Calero-Bernal R, González-Barrio D, Santín M, Carmena D. Blastocystis in free-ranging wild ruminant species across the Iberian Peninsula. VETERINARY RESEARCH. 2025. -. DOI:10.1186/s13567-025-01563-3. IF: 3,5 Q1 D1	GC26
Caballero-Gómez J, Avalos G, Matas-Méndez P, Figueiredo AM, Castro-Scholten S, Jiménez-Martín D, Köster PC, Santín M, Bailo B, Cano-Terriza D, Sarmento P, Neves N, Carrapato C, González-Barrio D, Mateo M, García-Bocanegra I, Dashti A, Sánchez S, Carmena D. Dietary profiles of wild carnivores and Blastocystis occurrence: The case of the endangered Iberian lynx (Lynx pardinus) and systematic review. RESEARCH IN VETERINARY SCIENCE. 2025. -. DOI:10.1016/j.rvsc.2024.105518. IF: 1,8 Q2 D4	GC26
Diakoudi G, Castro-Scholten S, Caballero-Gómez J, Di Martino B, Di Profio F, Sarchese V, Pellegrini F, Lanave G, Decaro N, García-Bocanegra I, Martella V. Domestic Cat Hepadnavirus Infection in Iberian Lynxes. EMERGING INFECTIOUS DISEASES. 2025. 160-163. DOI:10.3201/eid3101.240568. IF: 6,6 Q1 D1	GC26
Caballero-Gómez J, Casais R, Castro-Scholten S, Iglesias N, Oleaga A, Fernández-Verón I, López-López G, Mata E, Nájera F, Paniagua J, Salcedo J, Montoya-Oliver JI, García-Bocanegra I. Endemic and widespread exposure to Sarcoptes scabiei in the threatened Iberian lynx (Lynx pardinus). PREVENTIVE VETERINARY MEDICINE. 2025. -. DOI:10.1016/j.prevetmed.2025.106585. IF: 2,4 Q1 D2	GC26
Santos-Silva S, Lois M, Machado A, Bordalo A, Cruz AVS, Gonçalves HMR, van der Poel WHM, Nascimento MSJ, Rivero-Juarez A, Romalde JL, Mesquita JR. Environmental Surveillance of Hepatitis E Virus and Rat Hepatitis E Virus in Portugal and Spain, 2020-2022. JOURNAL OF MEDICAL VIROLOGY. 2025. -. DOI:10.1002/jmv.70414. IF: 4,6 Q1 D2	GC26
Sánchez-Sánchez M, Caballero-Gómez J, Contreras M, Moraga-Fernández A, Munoz-Hernández C, Fernández-Verón I, Fischer K, Bost C, Castro-Scholten S, Baz-Flores S, del Rey T, Nájerah F, Montoya-Oliveri I, Salcedoj J, de Meraa IGF, Garcia-Bocanegra I. Epidemiological surveillance of Crimean-Congo haemorrhagic fever virus in the Iberian lynx (Lynx pardinus), 2010-2022. VETERINARY MICROBIOLOGY. 2025. -. DOI:10.1016/j.vetmic.2025.110722. IF: 2,7 Q1 D2	GC26
Jiménez-Martín D, Muñoz-Fernández L, Agulló-Ros I, Jiménez-Pizarro N, Cano-Terriza D, García-Bocanegra I, Romero B, Caballero-Gómez J, González M, Rejón S, Martínez R, Risalde MA. Evaluation of techniques for post-mortem diagnosis of Mycobacterium tuberculosis complex infection in goats. VETERINARY MICROBIOLOGY. 2025. -. DOI:10.1016/j.vetmic.2025.110485. IF: 2,7 Q1 D2	GC26
Castro-Scholten S, Caballero-Gómez J, Bravo-Barriga D, Llorente F, Cano-Terriza D, Jiménez-Clavero MA, Jiménez-Martín D, Camacho-Sillero L, García-Bocanegra I. Exposure to West Nile Virus in Wild Lagomorphs in Spanish Mediterranean Ecosystems. ZOO NOSES AND PUBLIC HEALTH. 2025. 207-214. DOI:10.1111/zph.13200. IF: 2,3 Q1 D2	GC26
Pereira S, Pérez-Rivilla A, Carracedo R, Lopez-Lopez P, Rodriguez-Iglesias M, Benito R, Fuentes A, Lopez-Ruz MA, Freyre-Carrillo C, Otero MD, Parajo N, Garcia F, Rivero-Juarez A, Aguilera ARJA, Aguilera A. Hepatitis E virus screening in solid organ transplant recipients: prevalence and implications for implementation, Spain, 2021 to 2023. EUROSURVEILLANCE. 2025. -. DOI:10.2807/1560-7917.ES.2025.30.44.2500254. IF: 7,8 Q1 D1	GC26

PUBLICATIONS	IMIBIC GROUP
Martín-Carmona J, Corma-Gómez A, Moyano JM, Téllez F, Arenga-Barrios D, Serrano-Fuentes M, Vázquez ACM, Corona-Mata D, Lorite MNN, Vera-Méndez FJ, Barroso I, Palacios R, de los Santos I, Belinchón O, Galera C, Imaz A, Merino D, Reus-Bañuls SJ, Galindo MJ, López-Zuñiga MA, Pineda JA, Macías J. Impact of HIV infection on the dynamics of liver stiffness in patients with hepatitis C virus chronic infection after sustained virological response. ECLINICALMEDICINE. 2025. -. DOI:10.1016/j.eclinm.2025.103227. IF: 10 Q1 D1	GC26
Macias J, Frias M, Pineda JA, Corona-Mata D, Corma-Gomez A, Rivero-Juarez A, Santos M, Garcia-Deltoro M, Rivero A, Ricart-Olmos C, Gonzalez-Serna A, Real LM. Impact of Nonalcoholic Fatty Liver Disease on the Survival of People Living With HIV. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2025. 550-557. DOI:10.1111/apt.18413. IF: 6,7 Q1 D1	GC26
Blanch J, Martinez E, Mena A, Duenas C, Bernal E, Cabello A, Hayek M, Mican R, Morillo-Verdugo R, Sainz M, Conde CG, Perez-Valero I. Impact of training healthcare professionals in the detection and management of neuropsychiatric comorbidities in people with HIV: The CONECTAR project in Spain. HIV MEDICINE. 2025. 721-733. DOI:10.1111/hiv.70002. IF: 3,2 Q2 D4	GC26
Izquierdo R, Vallejo A, Suárez-García I, Martín-Hondarza A, Gutierrez F, Perez-Molina JA, García DV, Macías J, Rivero A, Olalla J, Montero-Alonso M, Asensi V, Moreno S, Jarrín I, Rava M. Markers of Inflammation and Immune Dysfunction and Non-AIDS Cancer Risk in Adults With HIV. JAIDS-JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROMES. 2025. 274-282. DOI:10.1097/QAI.0000000000003667. IF: 2,2 Q3 D	GC26
Badillo-Viloria M, García-Bocanegra I, Jaramillo SD, Mattar S, Frías-Casas M, Cano-Terriza D. Molecular Characterization and Epidemiology of Anaplasmataceae in Ticks and Domestic Animals in the Colombian Caribbean. ANIMALS. 2025. -. DOI:10.3390/ani16010008. IF: 2,7 Q1 D2	GC26
Barbero-Moyano J, Caballero-Gómez J, González M, Martínez R, Moreno I, Berriatua E, Sánchez-Sánchez M, Paniagua J, Fernández-Veron I, del Rey-Wamba MT, Crespo E, Montoya-Oliver JI, Salcedo J, Risalde MA, García-Bocanegra I. Monitoring of Leishmania infantum exposure in the Iberian lynx (Lynx pardinus). PREVENTIVE VETERINARY MEDICINE. 2025. -. DOI:10.1016/j.prevetmed.2024.106366. IF: 2,4 Q1 D2	GC26
Martin-Carmona J, Corma-Gómez A, Téllez F, Arenga-Barrios D, Serrano-Fuentes M, Morano L, Corona-Mata D, Lorite MNN, Vera-Méndez FJ, Alados JC, Palacios R, de los Santos I, Geijo P, Imaz A, Merino D, Reus-Bañuls SJ, Galindo MJ, López-Ruz MA, Galera C, Pineda JA, Macías J. No Impact of HIV Coinfection on Mortality in Patients With Hepatitis C Virus Infection After Sustained Virological Response. CLINICAL INFECTIOUS DISEASES. 2025. 835-841. DOI:10.1093/cid/ciae473. IF: 7,3 Q1 D1	GC26
Yeh-Gorocica A, Rivero-Juárez A, Ayora-Talavera G, Suárez-Galaz A, Torres-Castro M. Search for Sarbecovirus in bats of Yucatan, southeastern Mexico. REVISTA DE INVESTIGACIONES VETERINARIAS DEL PERU. 2025. -. DOI:10.15381/rivep.v36i3.29363. IF: 0,2 Q4 D	GC26
Jiménez-Martín D, García-Bocanegra I, Jiménez-Ruiz S, Caballero-Gómez J, Castro-Scholten S, Paniagua J, Prieto-Yerro P, Cano-Terriza D. Seroepidemiological study of Chlamydia abortus in domestic and wild ruminants in Spanish Mediterranean ecosystems. PREVENTIVE VETERINARY MEDICINE. 2025. -. DOI:10.1016/j.prevetmed.2025.106600. IF: 2,4 Q1 D2	GC26
Hasanoglu I, Rivero-Juárez A, Sahin GÖ. When Metabolic Dysfunction-Associated Steatotic Liver Disease Meets Viral Hepatitis. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14103422. IF: 2,9 Q1 D2	GC26
Caballero-Gómez J, Casares-Jimenez M, Gallo-Marín M, Pereira-Pardo S, Beato-Benítez A, Poyato A, Guerra R, Avellón A, Schilling-Loeffler K, Freyre-Carrillo C, García-Bocanegra I, Jiménez-Martin D, Corona-Mata D, Viciana I, Fajardo T, Muñoz-Chimeno M, Quevedo MA, Rios-Muñoz L, Pérez AB, Cano-Terriza D, Macías J, Fuentes A, John R, Rivero-Juarez A, Rivero A. Rat hepatitis E virus as an aetiological agent of acute hepatitis of unknown origin. JOURNAL OF HEPATOLOGY. 2025. 662-669. DOI:10.1016/j.jhep.2025.02.027; 10.1016/j.jhep.2025.02.027. IF: 33 Q1 D1	GC26
Caballero-Gómez J, Casares-Jimenez M, Gallo-Marín M, Pereira-Pardo S, Beato-Benítez A, Poyato A, Guerra R, Avellón A, Schilling-Loeffler K, Freyre-Carrillo C, García-Bocanegra I, Jiménez-Martín D, Corona-Mata D, Viciana I, Fajardo T, Muñoz-Chimeno M, Quevedo MA, Rios-Muñoz L, Pérez AB, Cano-Terriza D, Macías J, Fuentes A, John R, Rivero-Juarez A, Rivero A. Rat hepatitis E virus as an aetiological agent of acute hepatitis of unknown origin. JOURNAL OF HEPATOLOGY. 2025. 662-669. DOI:10.1016/j.jhep.2025.02.027; 10.1016/j.jhep.2025.02.027. IF: 33 Q1 D1	GC26

PUBLICATIONS	IMIBIC GROUP
Frías M, Chicano-Gálvez E, Rivero-Juárez A, Gordon A, Corona-Mata D, Moyano JM, Peralbo-Molina A, Camacho A, Pérez-Valero I, Malagón MD, Rivero A. Afamin and Apolipoprotein F Associated With Liver Steatosis From People Living With HIV: A Discovery Study. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2025. 1767-1774. DOI:10.1111/apt.70119. IF: 6,7 Q1 D1	GC26
Santos-Silva S, López-López P, Pérez AB, Freyre-Carrillo C, Fuentes A, Rivero-Juárez A, van der Poel WHM, Mesquita JR, Gonçalves HMR. Development and clinical evaluation of a nanoparticle-based biosensor for rapid detection of Hepatitis E virus in human serum. ANALYTICA CHIMICA ACTA. 2025. -. DOI:10.1016/j.aca.2025.344758. IF: 6 Q1 D2	GC26
Barbero-Moyano J, González M, Bravo-Barriga D, García-Bocanegra I, López-López P, Rivero-Juárez A, Ruiz-Fons F, Moreno I, Carpio AJ, Martínez R, Pérez AB, Jimenez MA, Rivero A, Risalde MA. Epidemiological landscape in a Mediterranean hotspot of human leishmaniosis in Spain under a One Health approach. PATHOGENS AND GLOBAL HEALTH. 2025. 122-133. DOI:10.1080/20477724.2025.2480083. IF: 2,5 Q2 D3	GC26
Corma-Gómez A, Corona-Mata D, Martín-Carmona J, Galindo MJ, Camacho A, Martín-Sierra C, Gallo-Marín M, Rincón P, Perez-Valero I, Pérez-García M, Carrasco-Dorado A, Pineda JA, Rivero-Juárez A, Rivero A, Real LM, Macías J. FibroScan-AST Score vs Liver Stiffness for the Prediction of Liver Events After HCV Cure. OPEN FORUM INFECTIOUS DISEASES. 2025. -. DOI:10.1093/ofid/ofae628. IF: 3,8 Q1 D3	GC26
Caballero-Gómez J, Fajardo-Alonso T, Rios-Muñoz L, Beato-Benítez A, Casares-Jiménez M, García-Bocanegra I, Cuadrado-Matías R, Martí-Marco A, Martínez J, Martínez R, Nevado EM, Ruiz-Fons F, Mesquita JR, Fuentes M, Corona-Mata D, González M, Lizana V, Soriano P, Foronda P, Crailsheim D, Rivero-Juárez A, Rivero A. National survey of the rat hepatitis E virus in rodents in Spain, 2022 to 2023. EUROSURVEILLANCE. 2025. -. DOI:10.2807/1560-7917.ES.2025.30.12.2400473. IF: 7,8 Q1 D1	GC26
Caballero-Gómez J, Fajardo-Alonso T, Rios-Muñoz L, Cuadrado-Matías R, Somoano A, Panadero R, Casares-Jiménez M, García-Bocanegra I, Ruiz L, Beato-Benítez A, Ruiz-Fons F, Jiménez-Martín D, Espí A, del Cerro A, Martínez R, Frías M, Rivero-Juárez A, Rivero A. Occurrence and genetic diversity of the zoonotic rat hepatitis E virus in small mammal species, Spain. VETERINARY RESEARCH. 2025. -. DOI:10.1186/s13567-025-01492-1. IF: 3,5 Q1 D1	GC26
Pérez-Valero I, Mata DC, Espejo AC, Gallo M, de Morales AGGR, Fanciulli C, Martín-Carbonero L, Isbert SC, Gutiérrez CH, Asensi V, Juarez AR, Rivero A. Real-world Effectiveness and Safety of Bictegravir/Emtricitabine/Tenofovir Alafenamide in Comparison With Other Regimens in People With Human Immunodeficiency Virus Starting Therapy With AIDS-Defining Conditions: Results From the CoRIS Cohort-The ACTUAS II Study. CLINICAL INFECTIOUS DISEASES. 2025. e93-e101. DOI:10.1093/cid/ciaf162. IF: 7,3 Q1 D1	GC26
Caballero-Gómez J, García-Bocanegra I, Cano-Terriza D, Casares-Jiménez M, Jiménez-Ruiz S, Risalde MA, Rios-Muñoz L, Rivero-Juárez A, Rivero A. Zoonotic rat hepatitis E virus infection in pigs: farm prevalence and public health relevance. PORCINE HEALTH MANAGEMENT. 2025. -. DOI:10.1186/s40813-025-00450-9. IF: 3,1 Q1 D1	GC26
Lopez C, Sanchez-Sanchez R, Corona D, Perez AB, Bravo F, de Alba M, Bracero A, Cazorla C, Vázquez A, Sánchez-Seco MP, Negredo A, Gómez-Pinedo U, Martinez-Martinez L, Torre-Cisneros J, de la Fuente C. A Fatal Case of Monkeypox-Associated Encephalitis in a Non-HIV-Infected Patient. CRITICAL CARE EXPLORATIONS. 2025. -. DOI:10.1097/CCE.0000000000001272. IF: 2,7 Q2 D5	GC26
Jiménez-Pastor JM, Morales-Cané I, Rodríguez-Cortés FJ, López-Coletto L, Valverde-León R, Arévalo-Buitrago P, Medina-Valverde MJ, de la Fuente-Martos C, Acuña-Castroviejo D, Cruz MME, Luque RM, Sarmiento-Cabral A, López-Soto PJ. Interaction between clock genes, melatonin and cardiovascular outcomes from ICU patients. INTENSIVE CARE MEDICINE EXPERIMENTAL. 2025. -. DOI:10.1186/s40635-025-00730-2. IF: 3,1 Q2 D3	GC27
Hermán-Sánchez N, del Rio-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. MOLECULAR CANCER. 2025. -. DOI:10.1186/s12943-024-02206-5. IF: 33,9 Q1 D1	GC27

PUBLICATIONS	IMIBIC GROUP
Fernández-Díaz N, Mateos-González M, Pertejo-Fernández A, Cacho-Lavín JD, Juan-Fita MJ, Chirivella-González I, Arruti-Ibarbia M, Fernández-Calvo O, Fernández-Núñez N, Méndez-Vidal MJ, Lázaro-Quintela M, Molina-Díaz A, Del Pozo-Alonso N, Etxaniz-Ulazia O, García-Acuña SM, Betancor YZ, Azueta-Etxebarria A, Calatrava-Fons A, Lombardía-Rodríguez H, Alarcon-Molero L, Etxegarai-Ganboa L, Anton-Cameselle A, Bello-Giz JA, Neira-De Paz CM, Cabaleiro T, González-Serrano T, Ortiz-Rey JA, Sacristán-Lista F, García-Rubín S, Ortega E, Carrato-Moñino C, Aguin-Losada S, Leon-Mateos L, García-González J, Pinto-Marín A, Duran I, Lopez-Lopez R, Anido-Herranz U, Ruiz-Bañobre J. Real-world evidence of nivolumab monotherapy in advanced renal cell carcinoma from a multicenter retrospective cohort study by the Spanish Genitourinary Oncology Group. BMC CANCER. 2025. -. DOI:10.1186/s12885-025-15264-9. IF: 3,4 Q2 D4	GC27
Garcia-Fernandez H, Alcala-Diaz JF, Quintana-Navarro GM, Lopez-Moreno J, Luque-Cordoba D, Narvaez ERD, Arenas-de Larriva AP, Gutierrez-Mariscal FM, Torres-Pena JD, Rodriguez-Cano D, Luque RM, Priego-Capote F, Lopez-Miranda J, Camargo A. Trimethylamine Oxidation into the Proatherogenic Trimethylamine N-Oxide Is Higher in Coronary Heart Disease Men: From the CORDIOPREV Study. WORLD JOURNAL OF MENS HEALTH. 2025. 249-258. DOI:10.5534/wjmh.230366. IF: 4,1 Q1 D1	GC27
Arenas-Montes J, Alcala-Diaz JF, Garcia-Fernandez H, Gutierrez-Mariscal FM, Lopez-Moreno A, Luque-Cordoba D, Larriva APAD, Torres-Pena JD, Luque RM, Prodam F, Priego-Capote F, Delgado-Lista J, Lopez-Miranda J, Camargo A. A microbiota pattern associated with cardiovascular events in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2025. 2104-2115. DOI:10.1093/eurheartj/ehaf181. IF: 35,1 Q1 D1	GC27
Ojeda-Rodríguez A, Torres-Peña JD, Larriva APAD, Rangel-Zuñiga OA, Podadera-Herreros A, Boughanem H, G-García ME, López-Moreno A, Katsiki N, Luque RM, Perez-Martinez P, Delgado-Lista J, Yubero-Serrano EM, Lopez-Miranda J. Differences in splicing factors may predict type 2 diabetes remission in the CORDIOPREV study. ISCIENCE. 2025. -. DOI:10.1016/j.isci.2024.111527. IF: 4,1 Q1 D2	GC27
Garcia-Fernandez H, Arenas-Montes J, Gutierrez-Mariscal FM, Alcala-Diaz JF, Allais A, Arenas-de Larriva AP, Luque-Cordoba D, Torres-Peña JD, Romero-Cabrera JL, Luque RM, Priego-Capote F, Delgado-Lista J, Lopez-Miranda J, Camargo A. Sex-differences in endotoxemia and trimethylamine N-oxide according to the diet and type 2 diabetes status in coronary heart disease patients: from the CORDIOPREV study. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2025. -. DOI:10.3389/fcvm.2025.1527406. IF: 2,9 Q2 D4	GC27
Fuentes-Fayos AC, G-García ME, Sánchez-Medianero T, Apps J, Flores-Martínez A, De la Rosa-Herencia AS, Gil-Duque I, Otto G, Venegas-Moreno E, Ruiz-Valdepeñas EC, Herrera-Martínez AD, Solivera J, Gahete MD, Cano DA, Ortega R, Soto-Moreno A, Gálvez-Moreno MA, Martínez-Barberá JP, Luque RM. Impaired splicing machinery in craniopharyngiomas unveils PRPF8 and RAVER1 as novel biomarkers and therapeutic targets. ACTA NEUROPATHOLOGICA COMMUNICATIONS. 2025. -. DOI:10.1186/s40478-025-02040-w. IF: 5,7 Q1 D2	GC27
Flores-Martínez A, Ramos-Herrero VD, Barroso A, Moreno A, G-García ME, Venegas-Moreno E, Dios E, Martínez-Barberá JP, Luque RM, Soto-Moreno A, Cano DA. Conditional Pten inactivation in pituitary results in sex-specific prolactinoma formation. BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE. 2025. -. DOI:10.1016/j.bbadis.2024.167543. IF: 4,2 Q1 D2	GC27
Melmed S, di Filippo L, Fleseriu M, Mercado M, Karavitaki N, Gurnell M, Salvatori R, Tsagarakis S, Losa M, Maffei P, Pereira AM, Geer EB, Katznelson L, van der Lely AJ, Bollerslev J, Esposito D, Webb SM, Zatelli MC, Valassi E, Neggers S, Chanson P, Ho KKY, Ioachimescu AG, Biller BMK, Samson SL, Kaiser UB, Schilbach K, Luque RM, Casanueva FF, Shimon I, Boguszewski CL, Biermasz N, Colao A, Pirchio R, Lamberts SWJ, Kadioglu P, Buchfelder M, Frara S, Chiloiro S, Petersenn S, Gadelha MR, Puig-Domingo M, Luger A, Brue T, Beckers A, Ferone D, Clemmons DR, Greenman Y, Marazuela M, Mortini P, Strasburger CJ, Giustina A. Consensus on acromegaly therapeutic outcomes: an update. NATURE REVIEWS ENDOCRINOLOGY. 2025. 718-737. DOI:10.1038/s41574-025-01148-2. IF: 42,3 Q1 D1	GC27
Giráldez-Perez RM, Grueso EM, Montero-Hidalgo AJ, Muriana-Fernández C, Kuliszewska E, Luque RM, Prado-Gotor R. Daunomycin Nanocarriers with High Therapeutic Payload for the Treatment of Childhood Leukemia. PHARMACEUTICS. 2025. -. DOI:10.3390/pharmaceutics17091236. IF: 5,5 Q1 D1	GC27

PUBLICATIONS	IMIBIC GROUP
Jiménez-Vacas JM, Westaby D, Figueiredo I, Brandon AD, Padilha A, Yuan W, Seed G, Bogdan D, Gurel B, Bertan C, Miranda S, Lambros M, Montero-Hidalgo AJ, Coleman I, Yu IPL, Buroni L, Zeng WT, Neeb AJ, Welti J, Rekowski J, Paravati R, Gabel F, Pandell N, Ferreira A, Crespo M, Riisnaes R, Das S, Taylor J, Waldron N, Hobern E, Valenti M, Ning J, Bernett I, Liodaki K, Persse T, Galipeau P, Wilkinson S, Trostel SY, Karzai F, Chau CH, Beatson EL, Zhang XH, Klumpp-Thomas C, Varkaris A, Luque RM, Swain A, Raynaud F, Lack NA, Thomas CJ, Ha G, Figg WD, Bezzi M, Sowalsky AG, Nelson PS, Carreira S, Balk SP, de Bono JS, Sharp A. Elucidating molecularly stratified single agent, and combination, therapeutic strategies targeting MCL1 for lethal prostate cancer. NATURE COMMUNICATIONS. 2025. -. DOI:10.1038/s41467-025-64042-5. IF: 15,7 Q1 D1	GC27
Carroll JS, Castinetti F, Follin C, Luque RM, Stuart AAV, Giwercman A, Grozinsky-Glasberg S, Krausz C, Paschou SA, Peeters R, Pieterman CRC, Romanet P, Jiménez-Vacas JM, van Santen HM, Tomsic KZ. EndoCompass project: research roadmap for endocrine causes and consequences of cancer. EUROPEAN JOURNAL OF ENDOCRINOLOGY. 2025. ii35-ii46. DOI:10.1093/ejendo/lvaf066. IF: 5,2 Q1 D2	GC27
Carroll JS, Castinetti F, Follin C, Luque RM, Stuart AAV, Giwercman A, Grozinsky-Glasberg S, Krausz C, Paschou SA, Peeters R, Pieterman CRC, Romanet P, Jiménez-Vacas JM, Van Santen HM, Tomsic KZ. EndoCompass Project: Research Roadmap for Endocrine Causes and Consequences of Cancers. HORMONE RESEARCH IN PAEDIATRICS. 2025. 44-59. DOI:10.1159/000549165. IF: 2,7 Q1 D2	GC27
Pérez-Gómez JM, Montero-Hidalgo AJ, Luque RM. GHRH and reproductive systems: Mechanisms, functions, and clinical implications. REVIEWS IN ENDOCRINE & METABOLIC DISORDERS. 2025. 507-524. DOI:10.1007/s11154-024-09931-8. IF: 8 Q1 D1	GC27
de la Rosa MF, Uribarrena GC, Munarriz PM, Moroño SI, Melé MV, Miñano JMV, Hurtado AG, García MEL, Guzmán M, García CF, Forte D. Impact of the COVID-19 pandemic on the incidence of pediatric intracranial empyemas in Spain. CHILDS NERVOUS SYSTEM. 2025. -. DOI:10.1007/s00381-025-06763-y. IF: 1,2 Q3 D	GC27
Carrera-Bastos P, Bottino B, Stults-Kolehmainen M, Schuch FB, Mata-Ordoñez F, Müller PT, Blanco JR, Boullosa D. Inflammation and depression: an evolutionary framework for the role of physical activity and exercise. FRONTIERS IN PSYCHOLOGY. 2025. -. DOI:10.3389/fpsyg.2025.1554062. IF: 2,9 Q1 D3	GC27
Rosales-Barrios C, González-Sánchez ZI, Zuliani A, Jiménez-Vacas JM, Luque RM, Pozo D, Khiar N. PSMA-targeted delivery of docetaxel in prostate cancer using small-sized PDA-based micellar nanovectors. JOURNAL OF CONTROLLED RELEASE. 2025. 890-905. DOI:10.1016/j.jconrel.2025.01.062. IF: 11,5 Q1 D2	GC27
Montero-Hidalgo AJ, del Rio-Moreno M, Pérez-Gómez JM, Luque RM, Kineman RD. Update on regulation of GHRH and its actions on GH secretion in health and disease. REVIEWS IN ENDOCRINE & METABOLIC DISORDERS. 2025. 305-320. DOI:10.1007/s11154-025-09943-y. IF: 8 Q1 D1	GC27
Porcel-Pastrana F, Montero-Hidalgo AJ, G-García ME, Gil-Duque I, Prats-Escribano A, Gahete MD, Sarmiento-Cabral A, Luque RM, León-González AJ. Cellular and Molecular Evidence of the Synergistic Antitumour Effects of Hydroxytyrosol and Metformin in Prostate Cancer. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26031341. IF: 4,9 Q1 D3	GC27
Cabezas-Rodríguez JA, Biarnes C, Marti-Navas M, Pineda V, Comas-Cufí M, Pardo-Galiana B, Zapata-Arriaza E, Pinero P, Aguera-Morales E, Valverde R, Ortega-Quintanilla J, Ainz-Gomez L, Baena-Palomino P, Gutierrez I, Medina-Rodríguez M, Ocete-Perez R, Gamero MA, de Alboniga-Chindurza A, Hermosin A, Aguilar-Perez M, Villagran D, Escamilla-Gomez V, Calderon-Cabrera C, Nogueras S, Jimenez R, Martin V, Herrera C, Delgado F, Gonzalez A, Montaner J, Puig J, Moniche F. Diffusion Tensor Imaging Study After Intraarterial Cell Therapy in Acute Ischemic Stroke: A Substudy of the IBIS Randomized Clinical Trial. STROKE. 2025. 2198-2209. DOI:10.1161/STROKEAHA.124.050261. IF: 8,9 Q1 D1	GC27
G-García ME, De la Rosa-Herencia AS, Flores-Martínez A, Ortega-Bellido M, Sánchez-Sánchez R, Blanco-Acevedo C, Gahete MD, Solivera J, Luque RM, Fuentes-Fayos AC. Assessing the diagnostic, prognostic, and therapeutic potential of the somatostatin/cortistatin system in glioblastoma. CELLULAR AND MOLECULAR LIFE SCIENCES. 2025. -. DOI:10.1007/s00018-025-05687-9. IF: 6,2 Q1 D2	GC27

PUBLICATIONS	IMIBIC GROUP
Sarmiento-Cabral A, Fuentes-Fayos AC, Ordoñez FM, León-González AJ, Martínez-Fuentes AJ, Gahete MD, Luque RM. From pituitary cells to prostate gland in health and disease: direct and indirect endocrine connections. REVIEWS IN ENDOCRINE & METABOLIC DISORDERS. 2025. 187-203. DOI:10.1007/s11154-025-09948-7. IF: 8 Q1 D1	GC27
Torrecilla-Parra M, Pardo-Marqués V, Fuentes-Fayos AC, G-García ME, Fernández-de Frutos M, López-Aceituno JL, Puigdueta C, Zamora C, Pérez-García A, Aranda JF, Busto R, Gahete MD, Luque RM, Ramírez CM. MiR-7 inhibits progression of glioblastoma by impairing autophagy resolution, energy metabolism and ECM remodeling. JOURNAL OF EXPERIMENTAL & CLINICAL CANCER RESEARCH. 2025. -. DOI:10.1186/s13046-025-03504-6. IF: 12,8 Q1 D1	GC27
Puchalt-Urbano X, Calderon-García A, Huertas JR, Sánchez-Oliver AJ, de la Torre CL, Aguila-Aguilar E, Soto PJL, Luque RM, Mata-Ordoñez F. Knowledge Gaps, Sleep Disturbances, and Energy Imbalance Among Female Field Hockey Players. NUTRIENTS. 2025. -. DOI:10.3390/nu17243934. IF: 5 Q1 D2	GC27
Acebrón F, Valverde R. SEGUICTUS Study: Management and follow-up of patients with stroke in Spain. NEUROLOGIA. 2025. 456-467. DOI:10.1016/j.nrl.2023.01.003. IF: 3,1 Q2 D4	GC27
Laguna-Muñoz D, Pata MP, Jiménez-Peinado A, Jaén-Moreno MJ, Camacho-Rodriguez C, Pozo GID, Vieta E, Correll CU, Solmi M, Caballero-Villarraso J, Alarcón-Laguna MI, Sarramea F. Mortality from respiratory diseases in individuals with severe mental illness: a large-scale systematic review and meta-analysis of pooled and specific diagnoses. LANCET PSYCHIATRY. 2025. 768-779. DOI: 10.1016/S2215-0366(25)00262-7	GC28
Vega-Rojas A, Haro C, Molina-Abril H, Guil-Luna S, Santos-Marcos JA, Gutierrez-Mariscal FM, Garcia-Fernandez H, Caballero-Villarraso J, Rodriguez-Ariza A, Lopez-Miranda J, Perez-Martinez P, Hervás A, Camargo A. Gut Microbiota Interacts with Dietary Habits in Screenings for Early Detection of Colorectal Cancer. NUTRIENTS. 2025. -. DOI:10.3390/nu17010084. IF: 5 Q1 D2	GC28
Boughanem H, de Larriva APA, Camargo A, Torres-Peña JD, Ojeda-Rodríguez A, Alcalá-Díaz JF, Romero-Cabrera JL, Rangel-Zuñiga OA, Rodríguez-Cantalejo F, Soehnlein O, Macías-Gonzalez M, Tinahones FJ, Perez-Martinez P, Delgado-Lista J, López-Miranda J. Decreased Neutrophils Are Associated With Reduced Risk of Type 2 Diabetes Incidence: Results From the CORDIOPREV Study. JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM. 2025. 1550-1558. DOI:10.1210/clinem/dgae736. IF: 5,1 Q1 D2	GC28
Boughanem H, Gutierrez-Mariscal FM, Larriva APAD, Torres-Peña JD, Romero-Cabrera JL, Rangel-Zuñiga OA, García-Fernández H, Podadera-Herreros A, Rodríguez-Cantalejo F, Soehnlein O, Macías-Gonzalez M, Tinahones FJ, Serrano EMY, Perez-Martinez P, Delgado-Lista J, López-Miranda J. Effect of long-term Mediterranean versus low-fat diet on neutrophil count, and type 2 diabetes mellitus remission in patients with coronary heart disease: results from the CORDIOPREV study. NUTRITION & DIABETES. 2025. -. DOI:10.1038/s41387-025-00360-3. IF: 5,2 Q1 D2	GC28
García-Ríos A, Romero-Cabrera JL, Alcalá-Díaz JF, Quintana-Navarro GM, Martín-Piedra L, Larriva APA, Torres-Peña JD, Rodríguez-Cantalejo F, Kales SN, Ordovás JM, Pérez-Martínez P, Delgado-Lista J, López-Miranda J. Long sleep duration pattern is associated with increased cardiovascular recurrence: Effect of long-term Mediterranean diet from the CORDIOPREV study. JOURNAL OF INTERNAL MEDICINE. 2025. 237-250. DOI:10.1111/joim.20119. IF: 9,2 Q1 D1	GC28
Caballero-María P, Caballero-Villarraso J, Arenas-Montes J, Díaz-Cáceres A, Castañeda-Nieto S, Alcalá-Díaz JF, Delgado-Lista J, Rodríguez-Cantalejo F, Pérez-Martínez P, López-Miranda J, Camargo A. Deep Learning Model Approach to Predict Diabetes Type 2 Based on Clinical, Biochemical, and Gut Microbiota Profiles. APPLIED SCIENCES-BASEL. 2025. -. DOI:10.3390/app15042228. IF: 2,5 Q2 D3	GC28
Boughanem H, Torres-Peña JD, Arenas-de Larriva AP, Romero-Cabrera JL, Gómez-Luna P, Martín-Piedra L, Rodríguez-Cantalejo F, Tinahones FJ, Serrano EMY, Soehnlein O, Perez-Martinez P, Delgado-Lista J, López-Miranda J. Mediterranean diet, neutrophil count, and carotid intima-media thickness in secondary prevention: the CORDIOPREV study. EUROPEAN HEART JOURNAL. 2024. 719-729. DOI:10.1093/eurheartj/ehae836. IF: 35,6 Q1 D1	GC28
Jiménez-Peinado A, Laguna-Muñoz D, Jaén-Moreno MJ, Camacho-Rodríguez C, del Pozo GI, Vieta E, Caballero-Villarraso J, Rico-Villademoros F, Sarramea F. Respiratory disease in people with major depressive disorder: A systematic review and Meta-analysis. EUROPEAN PSYCHIATRY. 2025. -. DOI:10.1192/j.eurpsy.2025.13. IF: 6,7 Q1 D1	GC28

PUBLICATIONS	IMIBIC GROUP
León-Bravo G, Cantarero-Carmona I. A Longitudinal, Observational, and Descriptive Study About Benefits of Craniosacral Therapy in Child Neurodevelopment. CLINICAL PEDIATRICS. 2025. 25-35. DOI:10.1177/00099228241245334. IF: 0,7 Q4 D	GC28
Agüera-Morales E, Fernández-Sánchez VE, Navarro-Mascarell G, Cabezas-Rodríguez JA, Peña-Toledo MA, Reyes-Rodríguez V, Postigo-Pozo MJ, Patrignani-Ochoa G, Geniz-Clavijo MA, Márquez-Infante C, Tallon-Aguilar L, Tinoco-González J, Padillo-Ruiz J, Valladares-Sánchez A, Caballero-Eraso C, López-Ramírez C, Alcázar-Caballero RM, Leyva-Fernández L, Rodríguez-Acosta A, Maldonado-Sánchez R, García-Martín ML, Somoza-Ramírez ML, Quijano-Ruiz B, Macías-Sánchez MD, Carmona-Sánchez G, Fernández-López O, Fernández-Fernández O. Adipose-derived mesenchymal stem cells for the treatment of Amyotrophic Lateral Sclerosis. A phase I/II safety and efficacy clinical trial. FRONTIERS IN NEUROLOGY. 2025. -. DOI:10.3389/fneur.2025.1655124. IF: 2,8 Q2 D5	GC28
Oreja-Guevara C, Meca-Lallana JE, Gómez-Estévez I, Ara JR, Pérez MAH, Gil JG, Torres AMA, de la Fuente BP, Ramió-Torrentà L, Madueño SE, Gascón-Giménez F, Casanova B, Martínez-Yélamos S, Valcárcel MA, Ginés MLM, Montero YE, Real AML, González-Quintanilla V, de Silanes CL, Martínez-Rodríguez JE, Costa-Frossard L, Redondo MG, Fontcuberta AL, Castellanos-Pinedo F, Merino JAG, Fernández CM, Castillo-Triviño T, Meca-Lallana V, Martínez JP, Rodríguez-Antigüedad A, González JMP, Morales EA, Molina IP, Sánchez DMS, Varo NH, Vázquez MA, Barrios JMR, Río J. Economic burden of secondary progressive multiple sclerosis: DISCOVER study. BMC HEALTH SERVICES RESEARCH. 2025. -. DOI:10.1186/s12913-025-12592-1. IF: 3 Q2 D3	GC28
Toscano S, Spelman T, Ozakbas S, Alroughani R, Chisari CG, Lo Fermo S, Prat A, Girard M, Duquette P, Izquierdo G, Eichau S, Grammond P, Boz C, Kalincik T, Blanco Y, Buzzard K, Skibina O, Sa MJ, van der Walt A, Butzkueven H, Terzi M, Gerlach O, Grand'Maison F, Foschi M, Surcinelli A, Barnett M, Lugaresi A, Onofrj M, Yamout B, Khoury SJ, Prevost J, Lechner-Scott J, Maimone D, Amato MP, Spitaleri D, Van Pesch V, Macdonell R, Cartechini E, de Gans K, Slee M, Castillo-Triviño T, Soysal A, Sanchez-Menoyo JL, Laureys G, Van Hijfte L, Mccombe P, Altintas A, Weinstock-Guttman B, Aguera-Morales E, Etemadifar M, Ramo-Tello C, John N, Turkoglu R, Hodgkinson S, Besora S, Van Wijmeersch B, Fernandez-Bolanos R, Patti F. First-year treatment response predicts the following 5-year disease course in patients with relapsing-remitting multiple sclerosis. NEUROTHERAPEUTICS. 2025. -. DOI:10.1016/j.neurot.2025.e00552. IF: 6,9 Q1 D1	GC28
Pedret C, Peña-Amaro J, Balias R, Järvinen T. Histological Definition of Skeletal Muscle Injury: A Guide to Nomenclature Along the Connective Tissue Sheath/Structure. SPORTS MEDICINE. 2025. 1061-1065. DOI:10.1007/s40279-024-02165-3. IF: 9,4 Q1 D1	GC28
Landete L, Gomez-Ballesteros R, Meca-Lallana V, Caminero AB, Meca-Lallana JE, Martínez-Yélamos S, García-Domínguez JM, Agüera E, García-Arcelay E, Medrano N, Villar LM, Monreal E, Maurino J. How do neurologists perceive the organization and functioning of multiple sclerosis care units?. MULTIPLE SCLEROSIS JOURNAL-EXPERIMENTAL TRANSLATIONAL AND CLINICAL. 2025. -. DOI:10.1177/20552173251406791. IF: 2,3 Q3 D	GC28
Lizak N, Sharmin S, Horáková D, Havrdova EK, Eichau S, van der Walt A, Butzkueven H, Lechner-Scott J, Buzzard K, Skibina O, Gerlach O, Prat A, Girard M, Duquette P, Alroughani R, Patti F, Grand'Maison F, Sá MJ, Aguera-Morales E, Hodgkinson S, Grammond P, Kuhle J, Yamout B, Khoury SJ, Ozakbas S, Csepany T, John N, Laureys G, Terzi M, Amato MP, Boz C, Al-Asmi A, Cartechini E, Gouider R, Mrabet S, Roos I, Kalincik T. Managing reactivation of multiple sclerosis during treatment with natalizumab. MULTIPLE SCLEROSIS JOURNAL. 2026. 121-133. DOI:10.1177/13524585251398682. IF: 5 Q1 D2	GC28
Monreal E, Gómez-Ballesteros R, Meca-Lallana V, Caminero AB, Meca-Lallana JE, Martínez-Yélamos S, Landete L, García-Domínguez JM, Agüera E, García-Arcelay E, Medrano N, Villar LM, Maurino J. Neurologists' Openness to Evidence-Based Innovation in Multiple Sclerosis Care: Individual and Structural Determinants. NEUROPSYCHIATRIC DISEASE AND TREATMENT. 2025. 1523-1531. DOI:10.2147/NDT.S524459. IF: 2,9 Q2 D4	GC28

PUBLICATIONS	IMIBIC GROUP
Gomez-Figueroa E, Orozco-Puga P, Corona-Vázquez CP, Moreno-Bernardino C, De la Mora-Landín GE, Jiménez-Ruiz A, García-Estrada C, Zertuche-Ortuño L, Saldívar-Dávila S, Rodríguez-Rivas R, Bazán-Rodríguez L, Flores-Rivera J, Kalincik T, Buzzard K, Khoury S, Duquette P, Foschi M, Surcinelli A, Weinstock-Guttman B, Gouider R, Mrabet S, Lechner-Scott J, Butzkueven H, Alroughani R, Roos I, Patti F, Yamout B, Grand'Maison F, Spitaleri D, Mccombe P, Sanchez-Menoyo JL, Ozakbas S, Al-Asmi A, John N, Cartechini E, Van der Walt A, Garber J, Lapointe E, Soysal A, Aguera-Morales E, Guimaraes J, Ruiz-Sandoval JL. Real-world effectiveness of horizontal switching between disease-modifying therapies in multiple sclerosis: a retrospective analysis of the MSBase Registry. THERAPEUTIC ADVANCES IN NEUROLOGICAL DISORDERS. 2025. -. DOI:10.1177/17562864251399595. IF: 4,1 Q1 D2	GC28
Estrada-Valencia R, Túnez I, Tinkov AA, Aschner M, Lopez-Goerne T, Pedraza-Chaverrí J, Santamaría A. The Inhibition of Fatty Acid Amide Hydrolase-4 Affords Neuroprotection in a Toxic Model Induced by 6-Hydroxydopamine in Caenorhabditis elegans Nematodes. MOLECULAR NEUROBIOLOGY. 2025. 12984-12999. DOI:10.1007/s12035-025-05104-z. IF: 4,3 Q1 D3	GC28
Gómez-Ballesteros R, de la Maza SS, Borges M, Martín-Martínez J, Sotoca J, Alonso A, Caminero AB, Borrega L, Sánchez-Menoyo JL, Barrero-Hernández FJ, Calles C, Brieva L, Blasco-Quílez MR, García-Soto JD, Rodríguez-Regal A, Navarro-Cantó L, Agüera E, Garcés-Redondo M, Carmona O, Gabaldón-Torres L, Forero L, Hervás M, Castillo-Triviño T, Maurino J. Threatening illness perception and associated factors in early-stage relapsing-remitting multiple sclerosis. FRONTIERS IN PSYCHIATRY. 2025. -. DOI:10.3389/fpsyt.2025.1565150. IF: 3,2 Q2 D4	GC28
Gómez-Melero S, Hassouneh F, Vallejo-Bermúdez IM, Agüera-Morales E, Solana R, Caballero-Villarraso J. Tandem CAR-T cell therapy: recent advances and current challenges. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1546172. IF: 5,9 Q1 D2	GC28
Caballero-Villarraso J, Pons-Villarta S, Cruces-Párraga J, Navarrete-Pérez A, Camargo A, Moreno JA, Túnez I, Agüera-Morales E. Molecular Mechanisms of the Microbiota-Gut-Brain Axis in the Onset and Progression of Stroke. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms262010071. IF: 4,9 Q1 D3	GC28
Escribano BM, Valdevira ME, Muñoz-Jurado A, Feijoo M, Agüera E, Caballero-Villarraso J, LaTorre M, Giraldo AI, Santamaría A, Túnez I. The Impact of Sex Hormones on Transcranial Magnetic Stimulation Against the Oxidative Stress in the Pathogenesis of Multiple Sclerosis. BIOMOLECULES. 2025. -. DOI:10.3390/biom15121714. IF: 4,8 Q1 D3	GC28
Leiva-Cepas F, Gil-Belmonte MJ, Jimena I, Peña-Toledo MA, Villalba R, Peña-Amaro J. Regenerative response of rat skeletal muscle to the implantation of a collagen-based bone graft substitute: an in vivo study. EUROPEAN JOURNAL OF TRANSLATIONAL MYOLOGY. 2025. -. DOI:10.4081/ejtm.2025.13574. IF: 1,8 Q3 D	GC28
Jiménez-Jiménez AB, Muñoz-Paz J, Ladera-Santos D, Heredia-Torres A, Caballero-Villarraso J, Mayordomo-Riera F. Case Report: Onset of Takotsubo syndrome during a heart rehabilitation session. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2025. -. DOI:10.3389/fcvm.2025.1560087. IF: 2,9 Q2 D4	GC28
Muñoz-Paz J, Jiménez-Jiménez AB, Espinosa-Rueda F, Wahab-Albañil A, Muñoz-Alcaraz MN, Peña-Amaro J, Mayordomo-Riera FJ. Effects of Hydrodilataion at Different Volumes on Adhesive Capsulitis in Phases 1 and 2: Clinical Trial Protocol HYCAFVOL. CLINICS AND PRACTICE. 2025. -. DOI:10.3390/clinpract15080141. IF: 2,2 Q2 D3	GC28
Muñoz-Paz J, Jiménez-Jiménez AB, Hidalgo-Jorge A, Muñoz-Alcaraz MN, Peña-Amaro J, Mayordomo-Riera FJ. Impact of Corticosteroids in Suprascapular Nerve Block on Pain and Function in Chronic Rotator Cuff Disease: A Retrospective, Observational, Longitudinal, Analytical Cohort Study. MEDICAL SCIENCES. 2025. -. DOI:10.3390/medsci13040252. IF: 4,4 Q1 D2	GC28
Lluch-Galcerá JJ, Carrascosa JM, González-Quesada A, Sahuquillo-Torralba A, Rivera-Díaz R, Daudén E, Belinchón I, Gómez-García FJ, Herrera-Acosta E, Ruiz-Genao DP, Lopez-Estebaranz JL, Baniandrés-Rodríguez O, Ferrán M, de la Cueva P, Rodríguez L, Mateu A, Riera-Monroig J, Ruiz-Carrascosa JC, Ara-Martín M, Abalde-Pintos MT, Roncero-Riesco M, Pujol-Marco C, García-Donoso C, Llamas-Velasco M, Del Alcázar E, Suárez-Pérez JA, Rodríguez-Sánchez B, Díez-Madueño K, Ruiz-Villaverde R, Lezcano-Biosca V, González-Sixto B, Descalzo MA, García-Doval I. Cardiovascular safety of systemic psoriasis treatments: A prospective cohort study in the BIOBADADERM registry. JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY. 2025. 1631-1642. DOI:10.1111/jdv.20705. IF: 8 Q1 D1	GC29

PUBLICATIONS	IMIBIC GROUP
Ruiz-Villaverde R, Ezomo-Gervilla PJ, Molina-Espinosa J, Galán-Gutierrez M, Herrera-Acosta E, Suarez-Perez JA. Comparative Analysis of Ixekizumab Effectiveness with and Without Induction Therapy in Moderate-to-Severe Psoriasis: A Real-World Study. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14030833. IF: 2,9 Q1 D2	GC29
Acosta-García H, Ruano-Ruiz J, Gómez-García FJ, Sánchez-Fidalgo S, Santos-Ramos B, Molina-López T. Computerized clinical decision support systems for prescribing in primary care: Characteristics and implementation impact. Scoping review and evidence and gap maps. HEALTH POLICY AND TECHNOLOGY. 2025. -. DOI:10.1016/j.hlpt.2025.100976. IF: 3,7 Q1 D1	GC29
Liñán-Barroso JM, Hernández-Rodríguez JC, Ruiz-Villaverde R, Gutiérrez MG, Navarro-Triviño F, Cruz JD, Armario-hita JC, Pereyra-rodrigue JJ. Definition of the Concept of Super-responders in Atopic Dermatitis: A Spanish Delphi Consensus. ACTA DERMATO-VENEREOLÓGICA. 2025. -. DOI:10.2340/actadv.v105.42240. IF: 3,7 Q1 D2	GC29
Rivera-Ruiz I, Gil-Villalba A, Navarro-Triviño FJ. Exploring New Horizons In Allergic Contact Dermatitis Treatment: The Role of Emerging Therapies. ACTAS DERMATO-SIFILIOGRÁFICAS. 2025. 731-739. DOI:10.1016/j.ad.2024.10.068; 10.1016/j.ad.2024.10.068. IF: 2,8 Q2 D4	GC29
Torres EB, Ivars M, Prat C, Vicente A, Rodríguez MF, Pedrero RM, Santiago AM, Giacaman A, Fernández AT, Noguera-Morel L, Mas IB, Gracia LD, Buselli MÉ, Ruiz MP, Wittel JB, García MTM, Domínguez MC, Osuna CG, Jiménez JSJ, Martínez AE, Ninet VZ, Andreu MC, Pérez SIP, Hernández JS, Alom SD, Divasson LF, Cebey AB, Gutiérrez MG, Laguna RD. Real-life retrospective multicentre study to describe the use of dupilumab in paediatric patients with atopic dermatitis in Spain: Patient profile, effectiveness and safety. JEADV CLINICAL PRACTICE. 2025. 416-424. DOI:10.1002/jvc2.565. IF: 0,5 Q4 D	GC29
Olivares-Guerrero M, Daudén E, Riera-Monroig J, González-Quesada A, Sahuquillo-Torralba A, Rivera-Díaz R, Carrascosa JM, Belinchón I, Gómez-García FJ, Herrera-Acosta E, Ruiz-Genao DP, Baniandrés-Rodríguez O, Ferrán M, de la Cueva P, Rodríguez L, Mateu A, Ruiz-Carrascosa JC, Ara-Martín M, Abalde-Pintos MT, Roncero-Riesco M, Pujol-Marco C, García-Donoso C, Llamas-Velasco M, Del Alcázar E, Suárez-Pérez J, Rodríguez-Sánchez B, Díez-Madueño K, Ruiz-Villaverde R, Lezcano-Biosca V, González-Sixto B, Descalzo MA, García-Doval I. Risk of adverse events of psoriasis treatment with biologic agents and new small molecules-BIOBADADERM Registry. JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY. 2025. 1643-1655. DOI:10.1111/jdv.20738. IF: 8 Q1 D1	GC29
Triviño FJN, Amador JPV, Ruiz IR. Seborrheic Dermatitis Revisited: Pathophysiology, Diagnosis, and Emerging Therapies-A Narrative Review. BIOMEDICINES. 2025. -. DOI:10.3390/biomedicines13102458. IF: 3,9 Q1 D3	GC29
Ungar B, Manson M, Kim M, Gour D, Temboonnark P, Metukuru R, Da Rosa JC, Estrada Y, Gay-Mimbrera J, Gómez-Arias PJ, Ruano J, Shemer A, Hanna D, Burnett P, Guttman-Yassky E. Tape-strip profiling identifies unique immune and lipid dysregulation in patients with seborrheic dermatitis. JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY. 2025. 1277-1287. DOI:10.1016/j.jaad.2025.01.082. IF: 11,8 Q1 D1	GC29
Gay-Mimbrera J, Lozano-Ojalvo D, Gómez-Arias PJ, Rivera-Ruiz I, Aguilar-Luque M, Mochón-Jiménez C, Pulido EA, Pérez-Alegre M, Guttman-Yassky E, Ruano J. Comprehensive single-cell chromatin and transcriptomic profiling of peripheral immune cells in nonsegmental vitiligo. BRITISH JOURNAL OF DERMATOLOGY. 2025. 115-124. DOI:10.1093/bjd/ljaf041. IF: 9,6 Q1 D1	GC29
Gay-Mimbrera J, Gómez-Arias PJ, Alvarez-Heredia P, Batista-Duharte A, Rivera-Ruiz I, Aguilar-Luque M, Juan-Cencerrado M, Mochón-Jiménez C, Cebrián-García A, Andújar-Pulido E, Pérez-Alegre M, Pera A, Ruano J. Integrated single-cell chromatin and transcriptomic analyses of peripheral immune cells in patients with alopecia areata. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1565241. IF: 5,9 Q1 D2	GC29
Rivera-Ruiz I, Ungar B, Dávila-Flores V, Gay-Mimbrera J, Gómez-Arias PJ, Juan-Cencerrado M, Mochón-Jiménez C, Parra-Peralbo E, Isla-Tejera B, López TLV, Guttman-Yassky E, Ruano J. Unravelling the transcriptomic landscape of primary lymphocytic scarring alopecias: systematic review and meta-analysis. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1651019. IF: 5,9 Q1 D2	GC29

PUBLICATIONS	IMIBIC GROUP
de Luque J, Mochón-Jimenez C, Rivera-Ruiz I, Gay-Mimbrera J, Fuentes-Duculan J, Coats I, Aguilar-Luque M, Isla-Tejera B, Nieto AVG, Galán-Gutierrez M, López TLV, Suarez-Fariñas M, Krueger JG, Ruano J. A Functional Genetic Score in the ZMIZ1/TGF-β/STAT Pathway Predicts Early Biologic Discontinuation in Psoriasis Patients Treated with Anti-TNF and Anti-IL12/23 Agents. ADVANCES IN THERAPY. 2025. 6030-6044. DOI:10.1007/s12325-025-03350-0. IF: 4 Q2 D3	GC29
Rivera-Ruiz I, Gay-Mimbrera J, Gómez-Arias PJ, Aguilar-Luque M, Juan-Cencerrado M, Mochón-Jiménez C, Parra-Peralbo E, Isla-Tejera B, Gómez-García F, Ruano J. Meta-Analysis of Gene Expression Reveals the Core Transcriptomic Profile of Lesional Scalp in Alopecia Areata. DERMATOLOGY AND THERAPY. 2025. 2729-2748. DOI:10.1007/s13555-025-01471-6. IF: 4,2 Q1 D2	GC29
Hermán-Sánchez N, del Rio-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. MOLECULAR CANCER. 2025. -. DOI:10.1186/s12943-024-02206-5. IF: 33,9 Q1 D1	GC30
Fuentes-Fayos AC, G-García ME, Sánchez-Medianero T, Apps J, Flores-Martínez A, De la Rosa-Herencia AS, Gil-Duque I, Otto G, Venegas-Moreno E, Ruiz-Valdepeñas EC, Herrera-Martínez AD, Solivera J, Gahete MD, Cano DA, Ortega R, Soto-Moreno A, Gálvez-Moreno MA, Martínez-Barberá JP, Luque RM. Impaired splicing machinery in craniopharyngiomas unveils PRPF8 and RAVER1 as novel biomarkers and therapeutic targets. ACTA NEUROPATHOLOGICA COMMUNICATIONS. 2025. -. DOI:10.1186/s40478-025-02040-w. IF: 5,7 Q1 D2	GC30
Porcel-Pastrana F, Montero-Hidalgo AJ, G-García ME, Gil-Duque I, Prats-Escribano A, Gahete MD, Sarmento-Cabral A, Luque RM, León-González AJ. Cellular and Molecular Evidence of the Synergistic Antitumour Effects of Hydroxytyrosol and Metformin in Prostate Cancer. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26031341. IF: 4,9 Q1 D3	GC30
G-García ME, De la Rosa-Herencia AS, Flores-Martínez A, Ortega-Bellido M, Sánchez-Sánchez R, Blanco-Acevedo C, Gahete MD, Solivera J, Luque RM, Fuentes-Fayos AC. Assessing the diagnostic, prognostic, and therapeutic potential of the somatostatin/cortistatin system in glioblastoma. CELLULAR AND MOLECULAR LIFE SCIENCES. 2025. -. DOI:10.1007/s00018-025-05687-9. IF: 6,2 Q1 D2	GC30
Sarmiento-Cabral A, Fuentes-Fayos AC, Ordoñez FM, León-González AJ, Martínez-Fuentes AJ, Gahete MD, Luque RM. From pituitary cells to prostate gland in health and disease: direct and indirect endocrine connections. REVIEWS IN ENDOCRINE & METABOLIC DISORDERS. 2025. 187-203. DOI:10.1007/s11154-025-09948-7. IF: 8 Q1 D1	GC30
Torrecilla-Parra M, Pardo-Marqués V, Fuentes-Fayos AC, G-García ME, Fernández-de Frutos M, López-Aceituno JL, Puigdueta C, Zamora C, Pérez-García A, Aranda JF, Busto R, Gahete MD, Luque RM, Ramírez CM. MiR-7 inhibits progression of glioblastoma by impairing autophagy resolution, energy metabolism and ECM remodeling. JOURNAL OF EXPERIMENTAL & CLINICAL CANCER RESEARCH. 2025. -. DOI:10.1186/s13046-025-03504-6. IF: 12,8 Q1 D1	GC30
Martínez-López S, Garcia-Gutiérrez MS, Navarrete F, Gómez-Hurtado I, Zapater P, AAngel E, Juanola O, López-Cánovas J, Boix P, Hadid MC, Puig-Kröger A, Gahete MD, Manzanares J, Caparrós E, Francés R. Aging Deteriorates Blood Brain Barrier Function and Polarizes Adaptive T Cell Expansion Contributing to Neurocognitive Damage in Experimental Cirrhosis. AGING AND DISEASE. 2025. 3112-3127. DOI:10.14336/AD.2024.0932. IF: 6,9 Q1 D1	GC30
Jiménez-Pastor JM, Morales-Cané I, Rodríguez-Cortés FJ, López-Coletó L, Valverde-León R, Arévalo-Buitrago P, Medina-Valverde MJ, de la Fuente-Martos C, Acuña-Castroviejo D, Cruz MME, Luque RM, Sarmiento-Cabral A, López-Soto PJ. Interaction between clock genes, melatonin and cardiovascular outcomes from ICU patients. INTENSIVE CARE MEDICINE EXPERIMENTAL. 2025. -. DOI:10.1186/s40635-025-00730-2. IF: 3,1 Q2 D3	GC31
Puchalt-Urbano X, Calderon-García A, Huertas JR, Sánchez-Oliver AJ, de la Torre CL, Aguila-Aguilar E, Soto PJL, Luque RM, Mata-Ordoñez F. Knowledge Gaps, Sleep Disturbances, and Energy Imbalance Among Female Field Hockey Players. NUTRIENTS. 2025. -. DOI:10.3390/nu17243934. IF: 5 Q1 D2	GC31
IF: 21,1 Q1 D1	GC31

PUBLICATIONS	IMIBIC GROUP
Ortiz-Esquinas I, Mazoterar-Pardo V, Martínez-Galiano JM, Ballesta-Castillejos A, Martínez-Rodríguez S, Hernandez-Martinez A. Perception of obstetric violence and risk of post-traumatic stress disorder at 6 months postpartum: an observational study. FRONTIERS IN PSYCHOLOGY. 2025. -. DOI:10.3389/fpsyg.2025.1712911. IF: 2,9 Q1 D3	GC31
Arevalo-Buitrago P, Saldana MR, Recio MER, López FJD, Montoro FJC, Collado MJB, Villarejo RC, Martínez AG, Díaz EQ, Gomáriz AAM, García GEC, López-Soto PJ. Impact of a structured educational intervention on the prevention of ocular surface disorders in critically ill patients: A non-randomized clinical trial. INTENSIVE AND CRITICAL CARE NURSING. 2025. -. DOI:10.1016/j.iccn.2025.104107. IF: 4,7 Q1 D1	GC31
Muñoz-Alonso A, Romero-Saldaña M, Rodríguez-Cortés FJ, Rodríguez-Garriguet C, Carretero-Serrano M, Rivas-Cruces C, Tovar-Gálvez MI, López-Soto PJ. Adaptation and validation of the adolescent sleep hygiene scale for Spanish-speaking populations. SLEEP MEDICINE. 2025. -. DOI:10.1016/j.sleep.2025.106685. IF: 3,4 Q2 D3	GC31
Rodríguez-Cortes FJ, Arias-Lopez JA, Oviedo-de la Fuente M, Jimenez-Pastor JM, Lopez-Coleto L, Arevalo-Buitrago P, Lopez-Carrasco JD, Valverde-Leon R, Lopez-Soto PJ, Morales-Cane I. Impact of the environment on health status of intensive care unit patients: Functional data analysis using wearable monitoring systems. INTENSIVE AND CRITICAL CARE NURSING. 2025. -. DOI:10.1016/j.iccn.2025.104183. IF: 4,7 Q1 D1	GC31
Segura-Ruiz R, Ruiz-Cañete M, Muñoz-Alonso A, Rivas-Cruces C, Serrano-Lázaro P, Armenteros-Ortiz PJ, Hidalgo-Lopezosa P, Lamberti N, Manfredini F, López-Soto PJ. Effectiveness of a home-based physical exercise intervention in patients with fragility fractures on functional independence and hospital readmissions: a protocol for a randomised controlled trial. BMJ OPEN. 2025. -. DOI:10.1136/bmjopen-2025-101342. IF: 2,3 Q2 D3	GC31
García-Roldán S, Rubio S, Vivas S, Castillo-Mayén R, Tabernero C, Muñoz C, Luque B. Feasibility and usability study of the ERES: A mobile application to intervene in emotional regulation and self-efficacy in minors with type 1 diabetes. DIGITAL HEALTH. 2025. -. DOI:10.1177/20552076251348021. IF: 3,3 Q1 D2	GC32
Comino-Monroy MJ, Jurado-Castro JM, Gil-Campos M, Alarcon-Roldan MA, Castro-Collado C, Luque B, Vivas S, Flores-Rojas K. Implementation of a grupal intervention program for the treatment of obesity in children: PinPO. TRIALS. 2025. -. DOI:10.1186/s13063-025-08908-5. IF: 2 Q3 D	GC32
Cuadrado E, Alnuaimi MY, Marí-Núñez M, Maldonado MA, Jurado-Del-Pozo JF, Moyano M. Burnout in the Skies: An Exploratory Study of Pilot Profiles. ANALES DE PSICOLOGIA. 2025. 63-75. DOI:10.6018/analesps.607961. IF: 1,3 Q3 D	GC32
Rodríguez R, Maldonado MA, Moyano M. Deciphering the incels: A scoping review on empirical research. AGGRESSION AND VIOLENT BEHAVIOR. 2025. -. DOI:10.1016/j.avb.2025.102093. IF: 3,4 Q1 D1	GC32
Cuadrado E, Molero-Jarilla EM, Muñoz-García IM, Torres-Porras J, Alcántara-Manzanares J. Design and validation of the perception of risk towards environmental unsustainability scale (PREUS). ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY. 2025. 30671-30691. DOI:10.1007/s10668-024-04931-9. IF: 4,2 Q2 D4	GC32
Rodríguez R, Gorostiza-Cerviño A, Hidalgo-Tenorio E, Moyano M, Maldonado MA. Exploring incel discourse through topic modeling: insights from Spanish-speaking contexts on X. HUMANITIES & SOCIAL SCIENCES COMMUNICATIONS. 2025. -. DOI:10.1057/s41599-025-06389-0. IF: 3,6 Q1 D2	GC32
Gutiérrez-Domingo T, Vivas S. Mindful eating intervention for preventing obesity in youth: A narrative review of literature. NUTRITION RESEARCH. 2025. 116-134. DOI:10.1016/j.nutres.2025.07.001. IF: 3,1 Q2 D5	GC32
da Silva-Sauer L, Costa-Fernandes M, Ferreira BD, Fernandez-Calvo B. Resilience and Mental Health in Community-Dwelling Older Adults: Testing the Moderation Model of Physical Activity and Religiosity. APPLIED RESEARCH IN QUALITY OF LIFE. 2025. 1257-1272. DOI:10.1007/s11482-025-10470-w. IF: 2,5 Q1 D2	GC32
da Silva-Sauer L, de la Torre-luque A, Garcia RB, Fernández-Calvo B. Self-kindness as a protective factor: mitigating the impact of social restriction on mental health of family caregivers during the COVID-19 pandemic. AGING & MENTAL HEALTH. 2025. 1356-1365. DOI:10.1080/13607863.2025.2489711. IF: 2,4 Q2 D4	GC32

PUBLICATIONS	IMIBIC GROUP
Alsaadi F, Maldonado MA, Erfanikia M, Molinario E, Moyano M. Systematic review of search for meaning in life assessment tools: highlighting the need for a quest for significance scale. FRONTIERS IN PSYCHOLOGY. 2025. -. DOI:10.3389/fpsyg.2025.1513720. IF: 2,9 Q1 D3	GC32
da Silva JSC, Albuquerque FD, Barbosa FF, Da Silva-Sauer L, Fernández-Calvo B. Temporal and contextual binding in episodic memory in younger and older adults. APPLIED NEUROPSYCHOLOGY-ADULT. 2025. 107-115. DOI:10.1080/23279095.2023.2165078. IF: 1,5 Q3 D	GC32
Arenas A, Terán-Tinedo V, Cuadrado E, Castillo-Mayen R, Luque B, Tabernero C. Understanding the Impact of Personal Resources on Emotional Exhaustion Among Emergency Healthcare Workers: A Structural Equation Modeling Approach. HEALTHCARE. 2025. -. DOI:10.3390/healthcare13182336. IF: 2,7 Q2 D4	GC32
Naranjo FL, Maldonado MA, Cuadrado E, Moyano M. Video Games Interventions to Reduce Radicalization and Violent Extremism in Young People: A Systematic Review. GAMES AND CULTURE. 2025. 787-812. DOI:10.1177/15554120231223067. IF: 1,6 Q1 D2	GC32
Luque B, Vivas S, Tabernero C, Villaécija J, Farhane-Medina NZ, Castillo-Mayén R. Exploring dietary self-efficacy and emotional well-being in Spanish children with overweight and obesity. CURRENT PSYCHOLOGY. 2025. 1219-1230. DOI:10.1007/s12144-024-07222-8. IF: 2,6 Q1 D3	GC32
Perez Montilla ME, García Jurado PB, Gómez Gómez E, Barranco Acosta S, Lombardo Galera MS, Campos Hernández PJ, Espejo Herrero JJ. Percutaneous ablation of renal tumors in patients with a solitary kidney: medium-to long-term outcomes. MINERVA UROLOGY AND NEPHROLOGY. 2025. 347-355. DOI:10.23736/S2724-6051.25.06010-0. IF: 4,2 Q1 D2	GE05
Canas-Marques R, Blanca A, Graça-Lopes R, Carvalho I, Pinto DG, Vasconcelos MA, Lopez-Beltran A, Fonseca I. Aberrant E-cadherin Expression in Lobular Carcinoma In Situ. AMERICAN JOURNAL OF SURGICAL PATHOLOGY. 2025. 372-380. DOI:10.1097/PAS.0000000000002361. IF: 4,2 Q1 D1	GE05
Fatima Y, Jobre KN, Gomez-Gomez E, Malkiewicz B, Vlahou A, Mokou M, Mischak H, Frantzi M, Jankowski V. Omics-Mediated Treatment for Advanced Prostate Cancer: Moving Towards Precision Oncology. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26157475. IF: 4,9 Q1 D3	GE05
Heidegger I, Frantzi M, Salcher S, Tymoszuk P, Martowicz A, Gomez-Gomez E, Blanca A, Cano GL, Latosinska A, Mischak H, Vlahou A, Langer C, Aigner F, Puhr M, Krogsgdam A, Trajanoski Z, Wolf D, Pircher A. Prediction of Clinically Significant Prostate Cancer by a Specific Collagen-related Transcriptome, Proteome, and Urinome Signature. EUROPEAN UROLOGY ONCOLOGY. 2025. 652-662. DOI:10.1016/j.euo.2024.05.014. IF: 9,3 Q1 D1	GE05
Blanca A, Lopez-Beltran A, Gomez-Gomez E, Campos-Hernández P, Cimadamore A, Montironi R, Cheng L. Prognostic Significance of Programmed Cell Death-1, Programmed Cell Death-Ligand 1, Programmed Cell Death-Ligand 2, and Fibroblast Growth Factor Receptor 3 mRNA Expression in Bladder Cancer. PATHOBIOLOGY. 2025. 202-215. DOI:10.1159/000544733. IF: 2 Q2 D5	GE05
Rubio-Briones J, Borque-Fernando A, Escaño LME, Wong A, Cascales AG, Gómez EG, Fabra JMG, Sanguedolce F, Gomez-Veiga F, González PAL, Bello AP, Garcia NR, Semper MM, Novo JFS, Hajianfar R, Ciutat LLF, Alfaro AG, Ojeda JMD, Ariño AB, Dorado CQ, Iriarte AL, Fadrique GG, Bachs JMG, Barreras SG, Costa YP, Cabo AV, Aliaga MR, Perez FC, Servián P, Bortoló JMC, Delgado MS, de Ledesma JMR, Rodriguez CS, Abal VC, Martinez YEH, Imbroda BH, Dolezal P, Frau JG, Llorente PM, Jimenez JM, Uribe JSS, Ruiz CBC, Reyes A, Aparicio TF, Rodriguez JG, Sole MC, Segui AG, Bru JJP, de Castro JM, Moreno AM, Suárez JLM. Real World Evidence of Active Surveillance for Prostate Cancer in Spain; Midterm Results. CANCER MEDICINE. 2025. -. DOI:10.1002/cam4.71173. IF: 3,1 Q2 D5	GE05
Ng ABCD, Asif A, Agarwal R, Panebianco V, Girometti R, Ghai S, Gómez-Gómez E, Budäus L, Barrett T, Radtke JP, Kesch C, De Cobelli F, Pham T, Taneja SS, Hu JC, Tewari A, Cabello MAR, Dias AB, Mynderse LA, Borghi M, Boesen L, Singh P, Renard-Penna R, Leow JJ, Falkenbach F, Pecoraro M, Giannarini G, Perlis N, López-Ruiz D, Kastner C, Schimmöller L, Rossiter M, Nathan A, Khetrapal P, Chan VWS, Haider A, Clarke CS, Punwani S, Brew-Graves C, Dickinson L, Mitra A, Brembilla G, Margolis DJA, Takwoingi Y, Emberton M, Allen C, Giganti F, Moore CM, Kasivisvanathan V. Biparametric vs Multiparametric MRI for Prostate Cancer Diagnosis The PRIME Diagnostic Clinical Trial. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION. 2025. 1170-1179. DOI:10.1001/jama.2025.13722. IF: 55 Q1 D1	GE05

PUBLICATIONS	IMIBIC GROUP
Frantzi M, Morillo AC, Lendinez G, Blanca A, Ruiz DL, Parada J, Heidegger I, Culig Z, Mavrogeorgis E, Beltran AL, Mora-Ortiz M, Carrasco-Valiente J, Mischak H, Medina RA, Hernandez PC, Gómez EG. Validation of a Urine-Based Proteomics Test to Predict Clinically Significant Prostate Cancer: Complementing mpMRI Pathway. PATHOBIOLOGY. 2025. 99-108. DOI:10.1159/000542465. IF: 2 Q2 D5	GE05
Castillo LC, Belenchón IR, Sanz IP, Marengo RS, Claro AVO, Martínez NS, López RM, Soto AJ, Ossorio JLA, Galisteo EG, Valiente JC, Imbroda BH, Jiménez JM, Casas JAV, Rodríguez A, Ortiz AS, Hernández JPC, Gómez EG. Multicenter External Validation and Optimization of a Proposed Nomogram for Prostate-Specific Membrane Antigen PET/CT Accuracy in Biochemical Recurrence. PROSTATE. 2025. 1016-1023. DOI:10.1002/pros.24910. IF: 2,5 Q2 D4	GE05
Heredia-Campos G, Rodríguez-Gómez ME, Perea-Armijo J, González-Manzanares R, Castillo-Domínguez JC, Delgado-Ortega M, Crespín-Crespín M, Ruiz-Ortiz M, Mesa-Rubio D, Ladera-Santos D, Iglesias-López R, Calvo-Gutiérrez L, Velarde-Morales L, Osorio MPA, Anguita-Sánchez M, López-Aguilera J. Heart failure with reduced ejection fraction: Influence of gender on clinical characteristics, cardiac remodeling and neurohormonal response. MEDICINA CLINICA. 2025. -. DOI:10.1016/j.medcli.2025.106962. IF: 2,1 Q2 D3	GE06
Fernández-Aviles C, Ortiz MR, Ruiz AF, Campos GH, Collazo AR, González-Manzanares R, Ortega MD, Almodóvar AR, Martínez FE, Luque LCM, Salinas AM, Zamudio AT, Flores JH, Andrade MD, Aguilera JL, Sánchez MA, alvarez-Osorio MP, Rubio DM. Prognostic scores in patients with severe tricuspid regurgitation: An external validation study. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION. 2025. -. DOI:10.1111/eci.14379. IF: 3,6 Q1 D2	GE06
Heredia-Campos G, Gonzalez-Manzanares R, Rodríguez-Almodovar A, Moreno JA, Pozuelo I, Perea J, Gallo I, Maestre LC, Hidalgo F, De Lezo JS, Romero M, Mesa D, Espejo S, Pan MN, Ojeda S. Association between subclinical haemolysis and periprocedural outcomes in patients undergoing transcatheter aortic valve replacement. MEDICINA CLINICA. 2025. -. DOI:10.1016/j.medcli.2025.107143. IF: 2,1 Q2 D3	GE06
De Heredia APLF, Ortiz MR, Llergo JT, Bailen MC, De Castro MS, de la Mata MF, Exposito AD, Cabeza AIP, Ortega MD, Fortesi MG, Valenzuela IF, Muñoz MC, Fernández AR, Almodóvar AMR, Cubiles IAD, Martínez FE, Huelva FJC, Fernandez JJS, Rubio DM, Andalusian Soc Cardiol. Clinical profile and cardiovascular events in patients with atrial fibrillation and hematologic malignancies with recent initiation of targeted therapy: Real-life data from CANAC-FA registry. CURRENT PROBLEMS IN CARDIOLOGY. 2025. -. DOI:10.1016/j.cpcardiol.2024.102974. IF: 3,3 Q2 D3	GE06
Perea-Armijo J, Gutiérrez-Ballesteros G, Mazuelos-Bellido F, González-Manzanares R, Huelva JM, López-Aguilera J, Pan MN, Saint-Gerons JMS. Comparison of left bundle branch area pacing between patients with pacing-induced cardiomyopathy and non-ischemic dilated cardiomyopathy. CURRENT PROBLEMS IN CARDIOLOGY. 2025. -. DOI:10.1016/j.cpcardiol.2024.102886. IF: 3,3 Q2 D3	GE06
Gutierrez-Ballesteros G, Mazuelos-Bellido F, López-Aguilera J, Crespín-Crespín M, González-Manzanares R, Garcia-Merino MA, Mesa-Rubio D, Romero-Moreno M, Alvarez-Osorio MP, Saint-Gerons JMS. Changes in oxygen uptake in patients with non-ischemic dilated cardiomyopathy and left bundle branch block following left bundle branch area pacing. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2025. -. DOI:10.3389/fcvm.2025.1551551. IF: 2,9 Q2 D4	GE06
Anguita-Gámez M, Herrera-Flores J, Bonilla-Palomas JL, Recio-Mayoral A, González-Manzanares R, Domínguez JCC, Lopez-Aguilera J, Muñiz J, Anguita-Sánchez M. Clinical Features and Outcomes of Patients with Heart Failure and Advanced Chronic Kidney Disease. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14238508. IF: 2,9 Q1 D2	GE06
Mesa LB, Ortiz MR, Baizán JL, de la Haba LM, Luque CO, Fernández JJS, Peñas ER, Ortega MD, Almodóvar AR, Martínez FE, Sánchez MA, Manzanares RG, Domínguez JCC, Aguilera JL, Granados AL, Alvarez-Ossorio MP, Rubio DM. Hospitalizations for Major Cardiovascular Events in Patients Aged 75 Years or Older with Chronic Coronary Syndrome for the Whole Life Span. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm15010207. IF: 2,9 Q1 D2	GE06
Lopez-Aguilera J, Perea-Armijo J, Muñoz-Villarreal AB, Cepas-Sosa A, Luque-Serrano LM, Aguayo-Caño N, Heredia-Campos GM, Martin-Diaz JD, Gonzalez-Manzanares R, Castillo-Dominguez JC, Crespín-Crespín M, Delgado-Ortega M, Ruiz-Ortiz M, Mesa-Rubio D, Osorio MPA, Anguita-Sanchez M. Nurse Specialising Consultation in Heart Failure: Impact on Drug Titration and Cardiovascular Events in Patients with Heart Failure and Reduced Ejection Fraction. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14186681. IF: 2,9 Q1 D2	GE06

PUBLICATIONS	IMIBIC GROUP
Herrera-Martínez AD, Muñoz-Jiménez C, Romo AN, Aguilera JL, Moreno MAG, Puerta MJM, Roger AJ. Vitamin D and nutritional support in patients with heart failure: effect on circulating cytokines. REVISTA DE OSTEOPOROSIS Y METABOLISMO MINERAL. 2025. 139-145. DOI:10.20960/RevOsteoporosMetabMiner.00081. IF: 0,5 Q4 D	GE06
Caballero-Villarraso J, Pons-Villarta S, Cruces-Párraga J, Navarrete-Pérez A, Camargo A, Moreno JA, Túnez I, Agüera-Morales E. Molecular Mechanisms of the Microbiota-Gut-Brain Axis in the Onset and Progression of Stroke. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms262010071. IF: 4,9 Q1 D3	GE06
Esteban-Fernández A, Recio-Mayoral A, López-Vilella R, de Lara G, Barrantes-Castillo M, Gómez-Otero I, Nuñez-Villota J, Robles-Gamboa C, López-Aguilera J, Iniesta-Manjavacas A, Fluvíó P, Pastor-Pérez F, Belarte-Tornero L, Alonso-Salinas G, Díez-Villanueva P, ERISEC Registry Researchers. Clinical profile of an unselected population with heart failure treated with vericiguat in real life: differences with the VICTORIA trial. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2025. -. DOI:10.3389/fcvm.2024.1504427. IF: 2,9 Q2 D4	GE06
Mas-Fontao S, Tarín N, Cristobal C, Soto-Catalán M, Pello A, Aceña A, Lumpuy-Castillo J, Garces C, Gomez-Guerrero C, Gutiérrez-Landaluce C, Blanco-Colio LM, Martín-Ventura JL, Huelmos A, Alonso J, Bescós LL, Moreno JA, Mahillo-Fernández I, Lorenzo O, Gonzalez-Casaus ML, Egido J, Tuñón J. Elevated plasma levels of TNF-R1 predict the development of acute ischemic events in coronary patients with diabetes. CLINICA E INVESTIGACION EN ARTERIOSCLEROSIS. 2025. -. DOI:10.1016/j.arteri.2024.08.004. IF: 1,9 Q3 D	GE06
Mas-Fontao S, Civantos E, Boukichou-Abdelkader N, Moreno JA, Gomez-Guerrero C, Gálvez MIL, Tuomilehto J, Lind M, Gabriel R, Egido J. Increased tumor necrosis factor-receptor superfamily plasma levels are associated with early renal or retinal involvement in intermediate hyperglycemia. WORLD JOURNAL OF DIABETES. 2025. -. DOI:10.4239/wjd.v16.i9.106002. IF: 4,6 Q1 D3	GE06
Mas-Fontao S, Civantos E, Boukichou-Abdelkader N, Soto-Catalan M, Romeo-Colas M, Marco A, Gomez-Guerrero C, Moreno JA, Tuomilehto J, Gabriel R, Egido J, ePREDICE Investigators. Oxidative stress and inflammation on metabolic abnormalities and renal involvement in prediabetic subjects across Europe. NEFROLOGIA. 2025. 238-248. DOI:10.1016/j.nefro.2024.10.003. IF: 2,6 Q2 D4	GE06
Boukholda K, Aouey B, Chtourou Y, Elbayoumi E, Guerrero-Hue M, García-Caballero C, Boukholda F, Vallejo-Mudarra M, Sameem B, Chigr F, Bouchard M, Moreno JA, Fetoui H. Silica nanoparticles trigger striatal oxidative stress, apoptosis, and histopathological alterations: in vivo and in silico molecular docking insights. HISTOCHEMISTRY AND CELL BIOLOGY. 2025. -. DOI:10.1007/s00418-025-02424-y. IF: 2,1 Q2 D3	GE06
Leiva-Cepas F, García-Caballero C, Osuna-Soto J, Vallejo-Mudarra M, Burón MI, González-Reyes JA, Villalba JM, Moreno JA. Experience of Biology Degree students in the recognition of tissue alterations in human histopathological samples. REVISTA ESPANOLA DE PATOLOGIA. 2025. -. DOI:10.1016/j.patol.2024.100794. IF: 0,5 Q4 D	GE06
Alba-Molina D, Cano M, Blanco-Blanco M, Ortega-Llamas L, Jiménez-Gómez Y, Gonzalez-Lopez A, Perez-Perdomo M, Camacho L, Giner-Casares JJ, Gonzalez-Andrades M. Bipyramidal gold nanoparticles-assisted plasmonic photothermal therapy for ocular applications. JOURNAL OF MATERIALS CHEMISTRY B. 2025. 3000-3010. DOI:10.1039/d4tb02688h. IF: 5,7 Q2 D4	GE07
Sotomayor-Toribio M, Sánchez-Vicente JL, López-Herrero F, Rodríguez-Fernández C, Suárez-Pérez J, Contieri F, Espiñeira-Periñán MA, Del Valle-Buzon S, Cosano-Palma E, Talego-Sancha A, González-Jáuregui B. Retinal dimples in a case of adult-onset methylmalonic acidemia with homocystinuria: A new finding. JOURNAL FRANCAIS D OPHTALMOLOGIE. 2025. -. DOI:10.1016/j.jfo.2025.104445. IF: 1,1 Q3 D	GE07
Granados MM, Medina-Bautista F, Navarrete-Calvo R, Argüelles D, Domínguez-Pérez JM, Priego-Capote F, Muñoz-Rascón P, Serrano-Rodríguez JM. Population pharmacokinetics and clinical evaluation of intravenous acetaminophen and its metabolites in Andalusian horses. VETERINARY JOURNAL. 2025. -. DOI:10.1016/j.tvjl.2025.106357. IF: 3,1 Q1 D1	GE07
Prados-Carmona JJ, Arias-Alcalá M, Prados-Carmona A, Herrador-Montiel MA, Hernando-Molina M, Giménez-Almenara-Amo J. Corneal incision contracture: literature review and report of a novel therapeutic strategy using intrastromal corneal ring segments. INTERNATIONAL OPHTHALMOLOGY. 2025. -. DOI:10.1007/s10792-025-03551-0. IF: 1,4 Q3 D	GE07

PUBLICATIONS	IMIBIC GROUP
Pérez-Perdomo M, González-Lopez A, Ortega-Llamas L, Alba-Molina D, Blanco-Blanco M, Granados MD, Guerrero-Moreno A, Pflugfelder SC, Ullmer C, Fauser S, Jiménez-Gómez Y, González-Andrades M. Identification of a translatable animal model for dry eye disease using comparative analysis of tear proteins across species. OCULAR SURFACE. 2025. 260-272. DOI:10.1016/j.jtos.2025.05.004. IF: 5,6 Q1 D1	GE07
Leiva-Cepas F, Gil-Belmonte MJ, Jimena I, Peña-Toledo MA, Villalba R, Peña-Amaro J. Regenerative response of rat skeletal muscle to the implantation of a collagen-based bone graft substitute: an in vivo study. EUROPEAN JOURNAL OF TRANSLATIONAL MYOLOGY. 2025. -. DOI:10.4081/ejtm.2025.13574. IF: 1,8 Q3 D	GE07
Cascales-Campos PA, Lacueva FJ, Carbonell-Morote S, Gonzalez-Gil A, Alcaraz-Solano A, Caravaca I, Aranaz V, Gómez-Dueñas G, Gil-Gómez E, Arjona-Sánchez A, Ramia JM. Intraperitoneal Intraoperative Chemotherapy in Advanced Ovarian Cancer: Rethinking the Future Beyond Complete Macroscopic Resection. ANNALS OF SURGICAL ONCOLOGY. 2025. 5616-5623. DOI:10.1245/s10434-025-17432-4. IF: 3,5 Q1 D2	GE09
Mantrana A, Sánchez-Montero MT, Navarrete-Sirvent C, Herrera-Casanova N, Mena-Osuna R, Rivas-Crespo A, Díaz-Chacon A, Avila-Oca V, Toledano-Fonesca M, García-Ortíz MV, González-Fernández R, Gomez-España MA, Villar C, Medina-Fernández FJ, Aranda E, Guil-Luna S, Rodríguez-Ariza A. Glycolysis Inhibition Restores Immune Sensitivity in GSNOR-Deficient Colorectal Cancer. LABORATORY INVESTIGATION. 2025. -. DOI:10.1016/j.labinv.2025.104250. IF: 4,2 Q1 D2	GE09
Fuentes-Fayos AC, G-García ME, Sánchez-Medianero T, Apps J, Flores-Martínez A, De la Rosa-Herencia AS, Gil-Duque I, Otto G, Venegas-Moreno E, Ruiz-Valdepeñas EC, Herrera-Martínez AD, Solivera J, Gahete MD, Cano DA, Ortega R, Soto-Moreno A, Gálvez-Moreno MA, Martínez-Barberá JP, Luque RM. Impaired splicing machinery in craniopharyngiomas unveils PRPF8 and RAVR1 as novel biomarkers and therapeutic targets. ACTA NEUROPATHOLOGICA COMMUNICATIONS. 2025. -. DOI:10.1186/s40478-025-02040-w. IF: 5,7 Q1 D2	GE09
Lozano RC, Giménez MB, Medina-Fernández J, Delgado FJB. What about the robotic approach in rectal cancer?. MINERVA SURGERY. 2025. 409-422. DOI:10.23736/S2724-5691.25.10861-7. IF: 0,9 Q3 D	GE09
Hamm JJM, van den Berg R, Andrinopoulou ER, Zwanenburg ES, Musters GD, Tanis PJ, Arjona-Sanchez A. Adjuvant hyperthermic intraperitoneal chemotherapy in patients with colon cancer at high risk of peritoneal metastases: individual patient data meta-analysis. BJS-BRITISH JOURNAL OF SURGERY. 2025. -. DOI:10.1093/bjs/znaf076. IF: 8,8 Q1 D1	GE09
Dorcaratto D, Garcés-Albir M, Palomares-Casasús S, Sánchez-Cabús S, Suárez-Artacho G, Jorba-Martín R, Blanco-Fernández G, Cugat-Andorra E, Ausania F, Fondevila-Campo C, Ramia-Angel JM, Sánchez-Hidalgo JM, Serrablo-Requejo A, Martín-Pérez E, De la Hoz-Rodríguez A, Muñoz-Forner E, Mora-Oliver I, Rodríguez-Blanco M, Cepeda-Franco C, Memba R, López-Guerra D, García-Domingo MI, Landi F, Sánchez-Velázquez P, Losa-Boñar N, Rodríguez-Laiz G, Paterna S, Serradilla-Martín M, Ielpo B, García-Romera A, Padillo-Ruiz J, Sabater-Ortí L. Blumgart Anastomosis Versus Invaginating Pancreatogastrostomy for Reconstruction after Pancreatoduodenectomy. ANNALS OF SURGERY. 2025. 699-708. DOI:10.1097/SLA.0000000000006873. IF: 6,5 Q1 D1	GE09
Bhatt A, Stepanyan A, Moran BJ, Chi D, Fotopoulou C, Baumgartner JM, Bakrin N, Deraco M, Ferron G, Kepenekian V, Kusamura S, Lavoue V, Al Niaimi A, Arjona-Sanchez A, Sehouli J, Sukumar V, Turaga K, Villeneuve L, Planchamp F, Gutiérrez IZ, Brennan DJ, Glehen O. Peritonectomy procedures for peritoneal surface malignancies: PSOGI-ESGO-ISSPP Lyon consensus. BJS-BRITISH JOURNAL OF SURGERY. 2025. -. DOI:10.1093/bjs/znaf112. IF: 8,8 Q1 D1	GE09
Bhatt A, Fotopoulou C, Moran BJ, Chi DN, Stepanyan A, Baumgartner JM, Bakrin N, Deraco M, Ferron G, Kepenekian V, Kusamura S, Lavoue V, Al Niami A, Arjona-Sanchez A, Sehouli J, Sukumar V, Turaga K, Villeneuve L, Planchamp F, Brennan DJ, Gutiérrez IZ, Glehen O. Peritonectomy to enhance adequate cytoreductive surgery in peritoneal surface malignancy: review of nomenclature and boundaries. BJS-BRITISH JOURNAL OF SURGERY. 2025. -. DOI:10.1093/bjs/znaf099. IF: 8,8 Q1 D1	GE09
Carbonell-Morote S, Arjona-Sanchez A, Cascales-Campos PA, Gonzalez-Gil A, Gomez-Duenas G, Gil-Gomez E, Caravaca-Garcia I, Aranaz V, Lacueva FJ, Ramia JM. Textbook outcome in ovarian cancer and its impact on survival: comparative study. WORLD JOURNAL OF SURGICAL ONCOLOGY. 2025. -. DOI:10.1186/s12957-025-03686-5. IF: 2,5 Q1 D3	GE09

PUBLICATIONS	IMIBIC GROUP
Moreno-Montilla MT, Pedraza-Arevalo S, Martínez-López A, Blázquez-Encinas R, García-Vioque V, Rodríguez-Ortiz L, Valenzuela-Molina F, Rufián-Andújar B, Granados-Rodríguez M, Ortega-Salas R, Alors-Pérez E, Vázquez-Borrego MC, Romero-Ruiz A, Castaño JP, Arjona-Sánchez A, Ibáñez-Costa A. Exploring RNA biology in pseudomyxoma peritonei uncovers splicing dysregulation as a novel, targetable molecular vulnerability. CANCER GENE THERAPY. 2025. 721-736. DOI:10.1038/s41417-025-00911-x. IF: 5 Q1 D2	GE09
Sánchez SG, Fernández JG, Cascales-Campos PA, Gil AG, Manzanedo I, Perez FP, Gómez DD, González-de Pedro C, Diaz EA, Sanchez DP, Prada-Villaverde A, Torrejimenio IJ, Lacueva J, Caravaca-García I, Torres-Melero J, Sanchez-Garcia S, Reques ED, Plaza CR, Gutierrez-Calvo A, Bayón LG, Morales-Soriano R, López-Mozos F, Bjelic L, Alvarez JG, Fernandez MEM, Santos ET, García AT, Seoane RA, Armas MA, Garaulet ET, Campos PV, Roda EB, Caro CR, Fadrique AG, Arjona-Sánchez A. Interval Cytoreductive Surgery and Cisplatin- or Paclitaxel-Based HIPEC for Advanced Ovarian Cancer. JAMA NETWORK OPEN. 2025. -. DOI:10.1001/jamanetworkopen.2025.17676. IF: 9,7 Q1 D1	GE09
Curcio F, Vaquero-Abellán M, Meneses-Monroy A, de-Pedro-Jimenez D, Aviles-Gonzalez CI, Romero-Saldaña M. Multicentre prospective study to establish a risk prediction model on pressure injury in the neonatal intensive and intermediate care units. AUSTRALIAN CRITICAL CARE. 2025. -. DOI:10.1016/j.aucc.2025.101204. IF: 2,7 Q1 D2	GE10
Anguita-Gámez M, Vivas D, Ferrandis R, Esteve-Pastor MA, González-Manzanares R, Echeverri M, Igualada J, Egocheaga I, Nozal-Mateo B, Abad-Motos A, Figuero E, Bouzó-Molina N, Lozano T, Alvarez-Ortega C, Torres J, Descalzo MJ, Catala JC, Martín-Rioboo E, Moliner A, Rodríguez-Contreras R, Carnero-Alcázar M, Marín F, Anguita M. Adherence to periprocedural antithrombotic treatment recommendations and its prognostic impact in patients with high ischemic and hemorrhagic risk. REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 416-424. DOI:10.1016/j.rec.2024.09.010. IF: 4,9 Q1 D2	GE10
Casanova-Rodríguez D, Ranchal-Sánchez A, Rodríguez RB, Jurado-Castro JM. Aerobic Exercise Prescription for Pain Reduction in Fibromyalgia: A Systematic Review and Meta-Analysis. EUROPEAN JOURNAL OF PAIN. 2025. -. DOI:10.1002/ejp.4783. IF: 3,4 Q1 D2	GE10
Ranchal-Lavela C, Casanova-Rodríguez D, Ranchal-Sanchez A, Torre-Aguilar MJD, Jurado-Castro JM. Time- and Dose-Dependent Cardiovascular Effects of Nicotine-Containing Electronic Cigarettes in Young Adults: A Systematic Review and Meta-Analysis. TOXICS. 2025. -. DOI:10.3390/toxics13100831. IF: 4,1 Q1 D3	GE10
Jiménez DD, Ruiz JLL, Lama JG, Espinosa AV. Assessing the sustainable alignment of a sensor-based connected health system with SDGs: an evaluation model and case study. SMART AND SUSTAINABLE BUILT ENVIRONMENT. 2025. 2235-2259. DOI:10.1108/SASBE-03-2024-0091. IF: 4,6 Q1 D2	GE10
Arias-Alonso L, Barragán-Brun N, Elizondo-Alzola U, Boldu-Minguell A, Rocha-Calderón CA, Niño-de-Guzmán E, Santandreu FM, Quesada-Carrasco F, Ricci-Cabello I, Gorrotxategi-Gorrotxategi PJ, de la Poza-abad M, Mas-Dalmau G, Gibert-Agulló A, González-Lama J, Alonso-Coello P. Development and assessment of an online communication skills course to optimise antibiotic prescribing for children in primary care. BMC PRIMARY CARE. 2025. -. DOI:10.1186/s12875-025-02919-6. IF: 2,6 Q1 D3	GE10
Pardo-Hernández R, Fernández-Solana J, González-Bernal JJ, Romero-Pérez EM, Horta-Gim MA, Pesqueira LER, Muñoz-Alcaraz MN, González-Santos J, Santamaría-Peláez M. Effect of Strength Training on Body Composition, Volumetrics and Strength in Female Breast Cancer Survivors. HEALTHCARE. 2025. -. DOI:10.3390/healthcare13010029. IF: 2,7 Q2 D4	GE10
Delgado-Gil JA, Prado-Robles E, Muñoz-Alcaraz MN, Seco-Calvo J. Effectiveness of Adding a Pain Neuroscience Education Program to a Multimodal Physiotherapy Intervention in Patients with Chronic Shoulder Pain: A Randomized Clinical Trial. BRAIN SCIENCES. 2025. -. DOI:10.3390/brainsci15020125. IF: 2,8 Q3 D	GE10

PUBLICATIONS	IMIBIC GROUP
Petricek G, Klemenc-Ketis Z, Adzic ZO, Cerovecki V, Willems S, Tsimtsiou Z, Zelko E, Collins C, Hoffmann K, Eide TB, Blanco SA, Frese T, Lingner H, Assenova R, Torzsa P, Seifert B, Ungan M, Bayen S, Windak A, Azeredo J, Stavrikj K, Kreitmayer S, Kostic M, Busneag IC, Koskela T, Serafini A, Butterworth J, Zwart DLM, Gonzalez-Lama J, Vuletic G, Van Poel E, Bunc KT, Tuz C, Mevsim V, Seifert M, Dahli M, Hrabac P, Hanzevacki M, Matic JR, Tomicic M, Rada M, Heleno B, Studzinski K, Becze A, Megallon-Botaya R, Rogers HL, Bruetting C, Kafadar D, Irureta DL, Fornacciari D, Nessler K, Soleski K, Mendez-Lopez F, Coeme O, Ahmad A, Petek D. European general practitioners' attitudes towards person-centred care and factors that influence its implementation in everyday practice: The protocol of the cross-sectional PACE GP/FP study in 24 European countries. EUROPEAN JOURNAL OF GENERAL PRACTICE. 2025. -. DOI:10.1080/13814788.2025.2463630. IF: 2,5 Q1 D3	GE10
Cassetti V, López-Ruiz M, Egea-Ronda A, Ulpiano DA, Azagra CB. Facilitators and barriers to implement community engagement approaches in health promotion projects: A qualitative study in 13 projects in Spain. PUBLIC HEALTH IN PRACTICE. 2025. -. DOI:10.1016/j.puhip.2025.100595. IF: 1,9 Q3 D	GE10
Arregui-Gallego B, Orts-Cortés MI, Moreno-Casbas MT, Abad-Corpa E, Camacho-Bejarano R, Cidoncha-Moreno MA, Feria-Raposo I, Iruzubieta-Barragán J, Carmona M, Cristóbal-Domínguez E, Bernués-Caudillo L, Casado-Ramírez E, Recas-Martin A, Sánchez-López D, Company-Sancho MC, Rascón NL, Esteban-Sepúlveda S, Vidal-Thomàs MC, Alonso I, Muñoz-Jiménez D, Segura-Heras JV, Moncho J, Rich-Ruiz M. Factors modulating the impact of the COVID-19 pandemic on posttraumatic stress symptomatology of the Spanish healthcare workers: A cohort study. PLOS ONE. 2025. -. DOI:10.1371/journal.pone.0323777. IF: 2,6 Q2 D4	GE10
Jiménez-Mérida MD, Alcaide-Leyva JM, Lopez-Lucena M, de la Cruz SP, Molina-Luque R, Martínez-Angulo P. Preventing Progression of Renal Disease: A New Method for Monitoring Body Fat Percentage in Predialysis Chronic Kidney Disease Patients. NUTRITION. 2025. -. DOI:10.1016/j.nut.2024.112605. IF: 3 Q2 D5	GE10
Leiva-Cepas F, García-Caballero C, Osuna-Soto J, Vallejo-Mudarra M, Burón MI, González-Reyes JA, Villalba JM, Moreno JA. Experience of Biology Degree students in the recognition of tissue alterations in human histopathological samples. REVISTA ESPANOLA DE PATOLOGIA. 2025. -. DOI:10.1016/j.patol.2024.100794. IF: 0,5 Q4 D	GE10
Souviron-Dixon VE, Martínez-Angulo P, Jiménez-Mérida MD, Ventura-Puertos PE. The Emotional Universe of Nonbinary Parents: A Hermeneutic Study. HEALTHCARE. 2025. -. DOI:10.3390/healthcare13121467. IF: 2,7 Q2 D4	GE10
Leiva-Cepas F, Gil-Belmonte MJ, Jimena I, Peña-Toledo MA, Villalba R, Peña-Amaro J. Regenerative response of rat skeletal muscle to the implantation of a collagen-based bone graft substitute: an in vivo study. EUROPEAN JOURNAL OF TRANSLATIONAL MYOLOGY. 2025. -. DOI:10.4081/ejtm.2025.13574. IF: 1,8 Q3 D	GE10
Perez-Jimenez M, Ucles-Torrente MD, Ruiz-Gamarra GE, Vaquero-Alvarez M, Blancas-Sánchez IM, Aparicio-Martinez P, Vaquero-Abellán M. Social Media Consumption and Risk of Addiction Associated with Adolescent Disordered Eating Behaviour: An Observational Analysis. NUTRIENTS. 2025. -. DOI:10.3390/nu17183017. IF: 5 Q1 D2	GE10
Pérez-Bonilla M, Borrego PD, Mora-Ortiz M, Fernández-Baillo R, Muñoz-Alcaraz MN, Mayordomo-Riera FJ, López EG. Relationship Between Voice Analysis and Functional Status in Patients with Amyotrophic Lateral Sclerosis. AUDIOLOGY RESEARCH. 2025. -. DOI:10.3390/audiolres15030053. IF: 1,8 Q2 D5	GE10
Muñoz-Paz J, Piaggio-Muente FL, Acosta-Salvador S, Gómez-Flores DA, Jiménez-Jiménez AB, Muñoz-Alcaraz MN, Mayordomo-Riera FJ. Calcifying Tendinopathy of the Rotator Cuff: Barbotage vs. Shock Waves: Controlled Clinical Trial Protocol (BOTCH). HEALTHCARE. 2025. -. DOI:10.3390/healthcare13010014. IF: 2,7 Q2 D4	GE10
Jiménez-Jiménez AB, Gámez-Centeno E, Muñoz-Paz J, Muñoz-Alcaraz MN, Mayordomo-Riera FJ. The Effects of the Schroth Method on the Cobb Angle, Angle of Trunk Rotation, Pulmonary Function, and Health-Related Quality of Life in Adolescent Idiopathic Scoliosis: A Narrative Review. HEALTHCARE. 2025. -. DOI:10.3390/healthcare13202631. IF: 2,7 Q2 D4	GE10
Muñoz-Paz J, Jiménez-Jiménez AB, Espinosa-Rueda F, Wahab-Albañil A, Muñoz-Alcaraz MN, Peña-Amaro J, Mayordomo-Riera FJ. Effects of Hydrodilataction at Different Volumes on Adhesive Capsulitis in Phases 1 and 2: Clinical Trial Protocol HYCAFVOL. CLINICS AND PRACTICE. 2025. -. DOI:10.3390/clinpract15080141. IF: 2,2 Q2 D3	GE10

PUBLICATIONS	IMIBIC GROUP
Muñoz-Paz J, Jiménez-Jiménez AB, Hidalgo-Jorge A, Muñoz-Alcaraz MN, Peña-Amaro J, Mayordomo-Riera FJ. Impact of Corticosteroids in Suprascapular Nerve Block on Pain and Function in Chronic Rotator Cuff Disease: A Retrospective, Observational, Longitudinal, Analytical Cohort Study. MEDICAL SCIENCES. 2025. -. DOI:10.3390/medsci13040252. IF: 4,4 Q1 D2	GE10
Ripollés-Melchor J, Tomé-Roca JL, Zorrilla-Vaca A, Aldecoa C, Colomina MJ, Bassas-Parga E, Lorente JV, Ruiz-Escobar A, Carrasco-Sánchez L, Sadurni-Sarda M, Rivas E, Puig J, Agudelo-Montoya E, Del Rio-Fernández S, García-López D, Adell-Pérez AB, Guillen A, Venturoli-Ojeda R, Fernández-Torres B, Abad-Motos A, Mojarro I, Garrido-Calmaestra JL, Fernanz-Antón J, Pedregosa-Sanz A, Cueva-Castro L, Echevarria-Correas MA, Mallol M, Olvera-García MM, Navarro-Pérez R, Fernández-Valdés-Bango P, García-Fernández J, Espinosa AV, Abu Khudair H, Becerra-Bolanos A, Díez-Remesal Y, Fuentes-Pradera MA, Valbuena-Bueno MA, Quintana-Villamandos B, Llorca-García J, Fernández-López I, Ocon-Moreno I, Martín-Infantes SL, Valiente-Lourtau JM, Amelburu-Egoscozabal M, Rivera-Ramos H, Abad-Gurumeta A, Monge-García MI. Hemodynamic Management Guided by the Hypotension Prediction Index in Abdominal Surgery: A Multicenter Randomized Clinical Trial. ANESTHESIOLOGY. 2025. 639-654. DOI:10.1097/ALN.0000000000005355. IF: 9,1 Q1 D1	Anaesthesiology and Resuscitation
Machuca I, Dominguez A, Amaya R, Arjona C, Gracia-Ahufinger I, Carralon M, Giron R, Gea I, De Benito N, Martin A, Galan F, Martinez JA, Iglesias R, Revuelto J, Caston JJ, Cano A, Ruiz-Arabi E, Martínez-Martínez L, Torre-Cisneros J. Real-World Experience of Imipenem-Relebactam Treatment as Salvage Therapy in Difficult-to-Treat Pseudomonas aeruginosa Infections (IMRECOR Study). INFECTIOUS DISEASES AND THERAPY. 2025. 283-292. DOI:10.1007/s40121-024-01077-z. IF: 5,3 Q1 D2	Anaesthesiology and Resuscitation
Castillo LC, Belenchón IR, Sanz IP, Marengo RS, Claro AVO, Martínez NS, López RM, Soto AJ, Ossorio JLA, Galisteo EG, Valiente JC, Imbroda BH, Jiménez JM, Casas JAV, Rodríguez A, Ortiz AS, Hernández JPC, Gómez EG. Multicenter External Validation and Optimization of a Proposed Nomogram for Prostate-Specific Membrane Antigen PET/CT Accuracy in Biochemical Recurrence. PROSTATE. 2025. 1016-1023. DOI:10.1002/pros.24910. IF: 2,5 Q2 D4	Bioinformatics and Biostatistics Unit
González-Vilchez F, Almenar-Bonet L, Gomez-Bueno M, Crespo-Leiro MG, Cobo-Belaustegui M, Crespín-Crespín M, Ortiz-Bautista C, Delgado-Jiménez JF, de Antonio-Ferrer M, Sobrino-Márquez JM. Spanish heart transplant registry. 36th official report of the Heart Failure Association of the Spanish Society of Cardiology. REVISTA ESPANOLA DE CARDIOLOGIA. 2025. 906-915. DOI:10.1016/j.rec.2025.04.011. IF: 4,9 Q1 D2	Cardiology
Carrañaga-Moreira JM, Ochoa JP, Peteiro-Deben R, Martín-Alvarez E, Ripoll-Vera T, Alvarez-Rubio J, Peña-Peña ML, Llamas-Gomez H, Fernández A, Gallego-Delgado M, Rodríguez-Serrano AL, Díez-Lopez C, Elliott PM, Palomino-Doza J, Azevedo O, Zorio E, Lorca ER, Limeres J, Martin-Dorado E, Méndez-Fernández I, Frahco-Gutiérrez R, De Frutos F, Escudero A, Ruiz-Guerrero L, Rodríguez-Vilela A, Mazzanti A, McKenna WJ, Barriales-Villa R. The p.Asn271Ile Variant in the TNNT2 Gene Is Associated With Low-Risk Late-Onset Hypertrophic Cardiomyopathy. JACC-HEART FAILURE. 2025. -. DOI:10.1016/j.jchf.2025.01.024. IF: 11,8 Q1 D1	Cardiology
Asmarats L, Jiménez-Quevedo P, Amat-Santos IJ, Ferrer-Gracia MC, Sarnago F, Alonso-Briales JH, Oteo JF, Serra V, Muntané-Carol G, Vilalta V, del Val D, Pan MN, Hernández JMD, Garcia-Blas S, Diez JL, Berenguer A, Del Valle R, del Amo FN, Artaiz M, Regueiro A, López-Pérez M, van-Roessel AM, Paredes-Vázquez JG, Fernández-Cordón C, de Miguel JAD, Maneiro N, Piserra-López A, De La Fuente J, Muñoz J, Romaguera R, Carrillo X, Alfonso F, Alvarado M, Veiga G, Millán X, Nombela-Franco L, Arzamendi D. Balloon-expandable Versus Self-expanding Valves in Patients With Prior Surgical Mitral Valve Replacement Undergoing Transcatheter Aortic Valve Replacement. CANADIAN JOURNAL OF CARDIOLOGY. 2025. 1480-1489. DOI:10.1016/j.cjca.2025.04.026. IF: 5,3 Q1 D2	Cardiology
Barreiro L, Roldán A, Aguayo N, Urbano C, Crespín M, López J, González R, Castillo JC, Mesa D, Ruiz M, Perea J, Gallo I, de Lezo JS, Ojeda S, Pan M, Anguita M. Infectious endocarditis on percutaneous aortic valve prosthesis: comparison with surgical bioprostheses. REC-INTERVENTIONAL CARDIOLOGY. 2025. 75-81. DOI:10.24875/RECICE.M24000489. IF: 1,1 Q4 D	Cardiology
Gallo I, Azzalini L, González-Manzanares R, Moscardelli S, Jurado-Román A, Maestre LC, de Lezo JS, Hidalgo F, Perea J, Díaz M, Ojeda S, Pan M. Mechanical Circulatory Support With Impella in High-Risk Patients With Chronic Total Occlusion and Complex Multivessel Disease. CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS. 2025. 883-890. DOI:10.1002/ccd.31392. IF: 1,9 Q3 D	Cardiology

PUBLICATIONS	IMIBIC GROUP
Gallo I, Hidalgo F, González-Manzanares R, Alvarado M, Perea J, de Lezo JS, Romero M, Ojeda S, Pan M. Percutaneous treatment of the left main coronary artery in older adults. Impact of frailty on mid-term results. REC-INTERVENTIONAL CARDIOLOGY. 2025. 6-14. DOI:10.24875/RECICE.M24000460. IF: 1,1 Q4 D	Cardiology
Herrera-Flores J, Vernooij RWM, Ghosh AK, Wechalekar A, Cheng RK, Keramida K, Anguita M, Sanchez PL, del Villar CP, Herrera-Flores C. Prognostic value of right ventricular longitudinal strain assessed by multimodal imaging in amyloidosis: systematic review and meta-analysis. EUROPEAN HEART JOURNAL-CARDIOVASCULAR IMAGING. 2025. 1644-1661. DOI:10.1093/ehjci/jeaf216. IF: 6,6 Q1 D1	Cardiology
Heredia-Campos G, Rodríguez-Gómez ME, Perea-Armijo J, González-Manzanares R, Castillo-Domínguez JC, Delgado-Ortega M, Crespin-Crespin M, Ruiz-Ortiz M, Mesa-Rubio D, Ladera-Santos D, Iglesias-López R, Calvo-Gutiérrez L, Velarde-Morales L, Osorio MPA, Anguita-Sánchez M, López-Aguilera J. Heart failure with reduced ejection fraction: Influence of gender on clinical characteristics, cardiac remodeling and neurohormonal response. MEDICINA CLINICA. 2025. -. DOI:10.1016/j.medcli.2025.106962. IF: 2,1 Q2 D3	Cardiology
Fernández-Aviles C, Ortiz MR, Ruiz AF, Campos GH, Collazo AR, González-Manzanares R, Ortega MD, Almodóvar AR, Martínez FE, Luque LCM, Salinas AM, Zamudio AT, Flores JH, Andrade MD, Aguilera JL, Sánchez MA, alvarez-Osorio MP, Rubio DM. Prognostic scores in patients with severe tricuspid regurgitation: An external validation study. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION. 2025. -. DOI:10.1111/eci.14379. IF: 3,6 Q1 D2	Cardiology
Heredia-Campos G, Gonzalez-Manzanares R, Rodríguez-Almodovar A, Moreno JA, Pozuelo I, Perea J, Gallo I, Maestre LC, Hidalgo F, De Lezo JS, Romero M, Mesa D, Espejo S, Pan MN, Ojeda S. Association between subclinical haemolysis and periprocedural outcomes in patients undergoing transcatheter aortic valve replacement. MEDICINA CLINICA. 2025. -. DOI:10.1016/j.medcli.2025.107143. IF: 2,1 Q2 D3	Cardiology
Maestre-Luque LC, Gonzalez-Manzanares R, Hidalgo F, de Lezo JS, Romero M, Gutiérrez-Barrios A, Gallo I, Herrera C, Espejo-Perez S, Fernández-López O, Alcázar-Caballero RM, Ojeda S, Pan M. Intracoronary infusion of autologous bone marrow mononuclear cells in patients with chronic total occlusions and left ventricular dysfunction: the BMMC/CTO trial. STEM CELL RESEARCH & THERAPY. 2025. -. DOI:10.1186/s13287-025-04854-w. IF: 7,3 Q1 D1	Cardiology
De Heredia APLF, Ortiz MR, Llergo JT, Bailen MC, De Castro MS, de la Mata MF, Exposito AD, Cabeza AIP, Ortega MD, Fortesi MG, Valenzuela IF, Muñoz MC, Fernández AR, Almodóvar AMR, Cubiles IAD, Martínez FE, Huelva FJC, Fernandez JJS, Rubio DM, Andalusian Soc Cardiol. Clinical profile and cardiovascular events in patients with atrial fibrillation and hematologic malignancies with recent initiation of targeted therapy: Real-life data from CANAC-FA registry. CURRENT PROBLEMS IN CARDIOLOGY. 2025. -. DOI:10.1016/j.cpcardiol.2024.102974. IF: 3,3 Q2 D3	Cardiology
Gutierrez-Ballesteros G, Mazuelos-Bellido F, López-Aguilera J, Crespin-Crespin M, González-Manzanares R, Garcia-Merino MA, Mesa-Rubio D, Romero-Moreno M, Alvarez-Osorio MP, Saint-Gerons JMS. Changes in oxygen uptake in patients with non-ischemic dilated cardiomyopathy and left bundle branch block following left bundle branch area pacing. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2025. -. DOI:10.3389/fcvm.2025.1551551. IF: 2,9 Q2 D4	Cardiology
Anguita-Gámez M, Herrera-Flores J, Bonilla-Palomas JL, Recio-MayoralA, González-Manzanares R, Domínguez JCC, Lopez-Aguilera J, Muñiz J, Anguita-Sánchez M. Clinical Features and Outcomes of Patients with Heart Failure and Advanced Chronic Kidney Disease. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14238508. IF: 2,9 Q1 D2	Cardiology
Mesa LB, Ortiz MR, Baizán JL, de la Haba LM, Luque CO, Fernández JJS, Peñas ER, Ortega MD, Almodóvar AR, Martínez FE, Sánchez MA, Manzanares RG, Domínguez JCC, Aguilera JL, Granados AL, Alvarez-Ossorio MP, Rubio DM. Hospitalizations for Major Cardiovascular Events in Patients Aged 75 Years or Older with Chronic Coronary Syndrome for the Whole Life Span. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm15010207. IF: 2,9 Q1 D2	Cardiology
Lopez-Aguilera J, Perea-Armijo J, Muñoz-Villarreal AB, Cepas-Sosa A, Luque-Serrano LM, Aguayo-Caño N, Heredia-Campos GM, Martin-Diaz JD, Gonzalez-Manzanares R, Castillo-Domínguez JC, Crespin-Crespin M, Delgado-Ortega M, Ruiz-Ortiz M, Mesa-Rubio D, Osorio MPA, Anguita-Sanchez M. Nurse Specialising Consultation in Heart Failure: Impact on Drug Titration and Cardiovascular Events in Patients with Heart Failure and Reduced Ejection Fraction. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14186681. IF: 2,9 Q1 D2	Cardiology

PUBLICATIONS	IMIBIC GROUP
Jiménez-Jiménez AB, Muñoz-Paz J, Ladera-Santos D, Heredia-Torres A, Caballero-Villarraso J, Mayordomo-Riera F. Case Report: Onset of Takotsubo syndrome during a heart rehabilitation session. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2025. -. DOI:10.3389/fcvm.2025.1560087. IF: 2,9 Q2 D4	Cardiology
Domínguez-del-Castillo JJ, Alvarez-Heredia P, Reina-Alfonso I, Vallejo-Bermúdez MI, López-Romero R, Moreno-Moreno JA, Bilbao-Carrasco L, Moya-Gonzalez J, Muñoz-Calero M, Tarazona R, Solana R, Batista-Duharte A, Muñoz I, Pera A. Divergent Immune Pathways in Coronary Artery Disease and Aortic Stenosis: The Role of Chronic Inflammation and Senescence. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26115248. IF: 4,9 Q1 D3	Cardiovascular Surgery
Peña-Enríquez R, Bermejo B, Pollán M, Díaz-Chacón A, Gilarranz YJ, Lorenzo JJP, Aramburo AF, de Ibargüen BCS, Bertrán AS, Galve-Calvo E, Jiménez-Arranz A, Fernández Y, Pérez ME, de la Cruz S, Anton-Torres A, Moreno F, Vidal-Losada MJ, López-Ceballos MH, Blancas I, Echarri MJ, Rincón R, Caballero R, Guerrero-Zotano A, Guil-Luna S, de la Haba-Rodríguez J. Molecular characterization of pregnancy-associated breast cancer and insights on timing from GEICAM-EMBARCAM study. NPJ BREAST CANCER. 2025. -. DOI:10.1038/s41523-025-00718-x. IF: 7,6 Q1 D2	Clinical Genomics and Genetics Unit · IMIBIC
Marqués-García F, González-Lao E, Tejedor-Ganduxé X, Boned B, Díaz-Garzón J, Simón M, García-Lario JV, Perich C, Fernández-Fernández MP, Martínez-Sánchez LM, Muñoz-Calero M, González-Tarancón R, Fernández-Calle P. Impact of six sigma estimated using the Schmidt-Launshyn vs. the Wetsgard equation in the Spanish type I EQA program. ADVANCES IN LABORATORY MEDICINE-AVANCES EN MEDICINA DE LABORATORIO. 2025. 327-335. DOI:10.1515/almed-2025-0091. IF: 0,9 Q4 D	Clinical Laboratory
Domínguez-del-Castillo JJ, Alvarez-Heredia P, Reina-Alfonso I, Vallejo-Bermúdez MI, López-Romero R, Moreno-Moreno JA, Bilbao-Carrasco L, Moya-Gonzalez J, Muñoz-Calero M, Tarazona R, Solana R, Batista-Duharte A, Muñoz I, Pera A. Divergent Immune Pathways in Coronary Artery Disease and Aortic Stenosis: The Role of Chronic Inflammation and Senescence. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26115248. IF: 4,9 Q1 D3	Clinical Laboratory
Garcia-Fernandez H, Alcala-Diaz JF, Quintana-Navarro GM, Lopez-Moreno J, Luque-Cordoba D, Narvaez ERD, Arenas-de Larriva AP, Gutierrez-Mariscal FM, Torres-Pena JD, Rodriguez-Cano D, Luque RM, Priego-Capote F, Lopez-Miranda J, Camargo A. Trimethylamine Oxidation into the Proatherogenic Trimethylamine N-Oxide Is Higher in Coronary Heart Disease Men: From the CORDIOPREV Study. WORLD JOURNAL OF MENS HEALTH. 2025. 249-258. DOI:10.5534/wjmh.230366. IF: 4,1 Q1 D1	Clinical Laboratory
Caballero-María P, Caballero-Villarraso J, Arenas-Montes J, Díaz-Cáceres A, Castañeda-Nieto S, Alcala-Díaz JF, Delgado-Lista J, Rodríguez-Cantalejo F, Pérez-Martínez P, López-Miranda J, Camargo A. Deep Learning Model Approach to Predict Diabetes Type 2 Based on Clinical, Biochemical, and Gut Microbiota Profiles. APPLIED SCIENCES-BASEL. 2025. -. DOI:10.3390/app15042228. IF: 2,5 Q2 D3	Clinical Laboratory
Lopez C, Sanchez-Sanchez R, Corona D, Perez AB, Bravo F, de Alba M, Bracero A, Cazorla C, Vázquez A, Sánchez-Seco MP, Negredo A, Gómez-Pinedo U, Martinez-Martinez L, Torre-Cisneros J, de la Fuente C. A Fatal Case of Monkeypox-Associated Encephalitis in a Non-HIV-Infected Patient. CRITICAL CARE EXPLORATIONS. 2025. -. DOI:10.1097/CCE.0000000000001272. IF: 2,7 Q2 D5	Clinical Neurophysiology
Mansilla-Polo M, García-Moronta C, Fernández-Crehuet P, Garbayo-Salmons P, Pons-Benavent M, Aguilar-González L, Jiménez-Gallo D, Alcalá-García R, Martín-Ezquerria G, Martorell A, Mahiques-Santos L, Alfageme-Roldán F, Escutia-Muñoz B, Sahuquillo-Torralba A, Fayos-Gregori R, Soto-Moreno A, Sánchez-Gutiérrez I, Botella-Estrada R, Vilarrasa E, Molina-Leyva A. Long-Term Effectiveness and Safety of Bimekizumab in Patients with Moderate to Severe Hidradenitis Suppurativa Under Real Clinical Practice Conditions: The Importance of Combined Treatment in Hurley III Patients and Potential Factors Associated with Complete Response. DERMATOLOGY AND THERAPY. 2025. 3267-3283. DOI:10.1007/s13555-025-01521-z. IF: 4,2 Q1 D2	Dermatology
Dans-Caballero S, Juan-Cencerrado M, Mochón-Jiménez C, Roldán-Molina R, Pérez-Guijo VC. Juvenile Dermatomyositis Triggered by Influenza B: A Case Report on Viral-Induced Autoimmunity. PEDIATRIC DERMATOLOGY. 2025. 1255-1258. DOI:10.1111/pde.15975. IF: 1,2 Q3 D	Dermatology

PUBLICATIONS	IMIBIC GROUP
Gay-Mimbrera J, Lozano-Ojalvo D, Gómez-Arias PJ, Rivera-Ruiz I, Aguilar-Luque M, Mochón-Jiménez C, Pulido EA, Pérez-Alegre M, Guttman-Yassky E, Ruano J. Comprehensive single-cell chromatin and transcriptomic profiling of peripheral immune cells in nonsegmental vitiligo. BRITISH JOURNAL OF DERMATOLOGY. 2025. 115-124. DOI:10.1093/bjd/ljaf041. IF: 9,6 Q1 D1	Dermatology
Gay-Mimbrera J, Gómez-Arias PJ, Alvarez-Heredia P, Batista-Duharte A, Rivera-Ruiz I, Aguilar-Luque M, Juan-Cencerrado M, Mochón-Jiménez C, Cebrián-García A, Andújar-Pulido E, Pérez-Alegre M, Pera A, Ruano J. Integrated single-cell chromatin and transcriptomic analyses of peripheral immune cells in patients with alopecia areata. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1565241. IF: 5,9 Q1 D2	Dermatology
Rivera-Ruiz I, Ungar B, Dávila-Flores V, Gay-Mimbrera J, Gómez-Arias PJ, Juan-Cencerrado M, Mochón-Jiménez C, Parra-Peralbo E, Isla-Tejera B, López TLV, Guttman-Yassky E, Ruano J. Unravelling the transcriptomic landscape of primary lymphocytic scarring alopecias: systematic review and meta-analysis. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1651019. IF: 5,9 Q1 D2	Dermatology
Rivera-Ruiz I, Ungar B, Dávila-Flores V, Gay-Mimbrera J, Gómez-Arias PJ, Juan-Cencerrado M, Mochón-Jiménez C, Parra-Peralbo E, Isla-Tejera B, López TLV, Guttman-Yassky E, Ruano J. Unravelling the transcriptomic landscape of primary lymphocytic scarring alopecias: systematic review and meta-analysis. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1651019. IF: 5,9 Q1 D2	Dermatology
de Luque J, Mochón-Jimenez C, Rivera-Ruiz I, Gay-Mimbrera J, Fuentes-Duculan J, Coats I, Aguilar-Luque M, Isla-Tejera B, Nieto AVG, Galán-Gutierrez M, López TLV, Suarez-Fariñas M, Krueger JG, Ruano J. A Functional Genetic Score in the ZMIZ1/TGF-β/STAT Pathway Predicts Early Biologic Discontinuation in Psoriasis Patients Treated with Anti-TNF and Anti-IL12/23 Agents. ADVANCES IN THERAPY. 2025. 6030-6044. DOI:10.1007/s12325-025-03350-0. IF: 4 Q2 D3	Dermatology
Rivera-Ruiz I, Gay-Mimbrera J, Gómez-Arias PJ, Aguilar-Luque M, Juan-Cencerrado M, Mochón-Jiménez C, Parra-Peralbo E, Isla-Tejera B, Gómez-García F, Ruano J. Meta-Analysis of Gene Expression Reveals the Core Transcriptomic Profile of Lesional Scalp in Alopecia Areata. DERMATOLOGY AND THERAPY. 2025. 2729-2748. DOI:10.1007/s13555-025-01471-6. IF: 4,2 Q1 D2	Dermatology
Puig J, Remollo S, Rodríguez-Caamano I, Castaño C, Comas-Cufi M, Werner M, Dolz G, Blasco J, SanRoman L, Sanchis JM, Aparici-Robles F, González E, Fondevila J, Vega P, Murias E, Jiménez E, Oteros R, López-Frias A, Moreu M, Bashir S, Silva Y, Ripoll E, Martínez-Fernández J, Aguilar Y, Méndez J, Sánchez F, de Paco G, Flores A, Llibre JC, Brinjikji W. Aspiration Catheter Design Impacts Combined Approach Mechanical Thrombectomy in Anterior Circulation Large Vessel Stroke. JOURNAL OF NEUROIMAGING. 2025. -. DOI:10.1111/jon.70046. IF: 2,3 Q2 D5	Diagnostic Radiology and Breast Cancer
García-García JI, Puig J, Chirife O, Paipa A, Aixut S, Blasco J, Werner M, Comas-Cufi M, Vega P, Murias E, Aparici-Robles F, Morales-Caba L, González E, Labayen I, Romero V, Bravo I, Moreu M, López-Frías A, Remollo S, Rodríguez-Caamaño I, Terceño M, alvarez-Cienfuegos J, Martínez-Fernández J, Aguilar Y, Méndez JC, Sánchez F, Zamarro J, Cuba V, Castaño M, López-Rueda A. Modified Treatment in Brain Ischemia 2b Stopped or Continued After First-Pass Mechanical Thrombectomy for M1 Occlusions. JOURNAL OF NEUROIMAGING. 2025. -. DOI:10.1111/jon.70047. IF: 2,3 Q2 D5	Diagnostic Radiology and Breast Cancer
Navarro L, Perez-Bartivas L, Ponferrada D, Cejas J, Camús JA, Rangel N, Porras M, Estevez CM, Eito AP, Rioja P, Alvarez M, Aranda E, de la Haba-Rodríguez. Prioritizing breast cancer surgeries: insights from the KRONOS SCORE. FRONTIERS IN ONCOLOGY. 2025. -. DOI:10.3389/fonc.2024.1465154. IF: 3,3 Q2 D4	Diagnostic Radiology and Breast Cancer
Gómez DL, Caravaca MR, Matos FJC, Ramos-Bossini AJL. Circumaortic Left Renal Vein Causing Combined Nutcracker Syndrome: A Case Report and Literature Review. ARCHIVOS ESPANOLES DE UROLOGIA. 2025. 782-787. DOI:10.56434/j.arch.esp.urol.20257806.104. IF: 0,9 Q4 D	Diagnostic Radiology and Breast Cancer
Puig J, Werner M, Dolz G, Pascagaza A, Daunis-i-Estadella P, Comas-Cufi M, González E, Fondevila J, Vega P, Murias E, Romero V, Martínez C, Aparicio-Robles F, Morales-Caba L, Remollo S, Rodríguez-Caamaño I, Pérez-García C, Rosati S, Bashir S, Vielba-Gomez I, Aixut S, Paipa AJ, Martínez-Fernández J, Aguilar Y, Fandiño E, Barbieri G, García-Villalba B, Cuba V, Castaño M, Blasco J, ROSSETTI Grp. Distal Access Catheter Improves Balloon Guide and Stent Retriever Thrombectomy Outcomes in Nonagenarians. JOURNAL OF NEUROIMAGING. 2025. -. DOI:10.1111/jon.70012. IF: 2,3 Q2 D5	Diagnostic Radiology and Breast Cancer

PUBLICATIONS	IMIBIC GROUP
Araujo-Castro M, Ruiz-Sánchez J, Gonzalvo C, Lamas C, Ramirez P, Marcos-Rojas P, Paja M, Lázaro C, Michalopoulou T, Tous M, Gonzalez-Boillos M, Recio-Córdova J, Casteras A, Fernandez-Alvarez P, Tierno V, Mulatero P. Genetic Testing for Primary Aldosteronism in SPAIN: Results From the SPAIN-ALDO Registry and Review of the Literature. JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM. 2025. e1573-e1579. DOI:10.1210/clinem/dgae523. IF: 5,1 Q1 D2	Endocrinology
Entrenas-Castillo M, Entrenas-Costa LM, Pata MP, Gamez BJ, Muñoz-Corroto C, Gómez-Rebollo C, Mira-Padilla E, Bouillon R, Quesada-Gomez JM. Latent Class Analysis Reveals, in patient profiles, COVID-19-related better prognosis by calcifediol treatment than glucocorticoids. JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY. 2025. -. DOI:10.1016/j.jsbmb.2024.106609. IF: 2,5 Q3 D	Endocrinology
Espejo-Cruz ML, González-Rubio S, Espejo JJ, Zamora-Olaya JM, Prieto-Torre M, Linares CI, Ruiz-Ramas A, Jiménez-Arranz A, Guerrero-Misas M, Barrera-Baena P, Poyato-González A, Montero JL, Sánchez-Frías M, Ayllón MD, Rodríguez-Perálvarez ML, de la Mata M, Ferrín G. Early release of circulating tumor cells after transarterial chemoembolization hinders therapeutic response in patients with hepatocellular carcinoma. JOURNAL OF TRANSLATIONAL MEDICINE. 2025. -. DOI:10.1186/s12967-025-06092-3. IF: 7,5 Q1 D2	Gastroenterology
Díaz-González A, Schregel I, Carballo L, Alvarez-Navascués C, Frisancho-Morales E, Miquel M, Retortillo MG, Gómez J, Horta D, Mateos B, Engel B, Volmer F, del Barrio M, Rodríguez-Tajes S, Olivas I, Hartl J, González CA, Hernández-Guerra M, Castello I, Pérez-Medrano I, González-Santiago JM, Arencibia A, Gómez A, Rodríguez-Perálvarez M, Crespo J, Sala M, Salcedo M, Barreira-Díaz A, Riveiro-Barciela M, Taubert R, Schramm C, Londoño MC, Registry C. Isolated IgG elevation in patients with persistently normal transaminases does not affect the outcome of autoimmune hepatitis. JHEP REPORTS. 2025. -. DOI:10.1016/j.jhepr.2025.101562. IF: 7,5 Q1 D2	Gastroenterology
Del Barrio M, Ferreiro E, Gómez E, Caballero A, Salcedo M, Santos-Laso A, González-Pascual A, Sousa JM, Gómez J, Pérez-Medrano I, Calvo MQ, Fernández-Rodríguez C, Mateos B, Arencibia A, Riveiro-Barciela M, Vaz-Romero I, Horta D, Conde I, El Hajra I, Rodríguez-Perálvarez M, Cuerva MO, Sala M, García-Retortillo M, Hernáez T, Miquel M, González-Santiago JM, Crespo J, Londoño MC, Díaz-González A. Occurrence and Management of Opportunistic Infections in Patients With Autoimmune Hepatitis: A Spanish Multicentre Study. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2025. 493-503. DOI:10.1111/apt.70208. IF: 6,7 Q1 D1	Gastroenterology
Gros B, Martínez PEA, Cuerva MO, Aparicio-Serrano A, Jiménez EG, Lucio AS, Pleguezuelo M, Molina AJH, Ruiz FJS. Diagnostic yield of biliary brush cytology via endoscopic retrograde cholangiopancreatography: a 7-year tertiary center experience. REVISTA ESPANOLA DE ENFERMEDADES DIGESTIVAS. 2025. 447-454. DOI:10.17235/reed.2025.11158/2025. IF: 4 Q1 D3	Gastroenterology
Guijarro LG, de Castro-Martínez P, Chaparro M, Acero-Sanz J, de Leon D, Guerra I, Iborra M, Cabriada JL, Bujanda L, Alba C, García-Sánchez V, Marín-Jiménez I, Acosta MBD, Vera I, Martín-Arranz MD, Mesonero F, Sempere L, Gomollon F, Hinojosa J, Hernández-Breijo B, Alvarez-Mon M, Gisbert JP, Ortega MA. Comparative Efficacy and Immunogenicity of Infliximab and Adalimumab in Crohn’s Disease: A Prospective Cohort Study. MEDICINA-LITHUANIA. 2025. -. DOI:10.3390/medicina61122165. IF: 2,4 Q1 D3	Gastroenterology
Castagna A, Ramouz A, Trinidad-Gutiérrez I, Brindl N, Brandl A. Underreporting of molecular targets in surgically treated patients with peritoneal metastasis of gastric cancer. EJSO. 2025. -. DOI:10.1016/j.ejso.2025.110502. IF: 2,9 Q1 D2	General and Digestive Surgery
Cascales-Campos PA, Lacueva FJ, Carbonell-Morote S, Gonzalez-Gil A, Alcaraz-Solano A, Caravaca I, Aranaz V, Gómez-Dueñas G, Gil-Gómez E, Arjona-Sánchez A, Ramia JM. Intraperitoneal Intraoperative Chemotherapy in Advanced Ovarian Cancer: Rethinking the Future Beyond Complete Macroscopic Resection. ANNALS OF SURGICAL ONCOLOGY. 2025. 5616-5623. DOI:10.1245/s10434-025-17432-4. IF: 3,5 Q1 D2	General and Digestive Surgery
Camara-Pérez J, Lucena CC, Negreiros JCZ. Sexual-Esteem and Body-Esteem Perception After Breast Reconstruction According to the Surgical Technique. INDIAN JOURNAL OF SURGERY. 2025. 689-694. DOI:10.1007/s12262-024-04258-9. IF: 0,4 Q4 D	General and Digestive Surgery

PUBLICATIONS	IMIBIC GROUP
Espejo-Cruz ML, González-Rubio S, Espejo JJ, Zamora-Olaya JM, Prieto-Torre M, Linares CI, Ruiz-Ramas A, Jiménez-Arranz A, Guerrero-Misas M, Barrera-Baena P, Poyato-González A, Montero JL, Sánchez-Frías M, Ayllón MD, Rodríguez-Perálvarez ML, de la Mata M, Ferrín G. Early release of circulating tumor cells after transarterial chemoembolization hinders therapeutic response in patients with hepatocellular carcinoma. JOURNAL OF TRANSLATIONAL MEDICINE. 2025. -. DOI:10.1186/s12967-025-06092-3. IF: 7,5 Q1 D2	General and Digestive Surgery
Navarro L, Perez-Bartivas L, Ponferrada D, Cejas J, Camús JA, Rangel N, Porras M, Estevez CM, Eito AP, Rioja P, Alvarez M, Aranda E, de la Haba-Rodríguez. Prioritizing breast cancer surgeries: insights from the KRONOS SCORE. FRONTIERS IN ONCOLOGY. 2025. -. DOI:10.3389/fonc.2024.1465154. IF: 3,3 Q2 D4	General and Digestive Surgery
Gómez-Dueñas G, Durán M, Olmo-García R, Calleja R, Padial-Aguado A, Ayllón MD, Ciria R, Briceño-Delgado J. Predicting the complexity of robotic liver surgery: a comparative analysis of the IWATE, Kawaguchi-Gayet, Hasegawa, Southampton, and Tampa scores. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES. 2025. 4965-4972. DOI:10.1007/s00464-025-11859-2. IF: 2,7 Q1 D3	General and Digestive Surgery
Lozano RC, Giménez MB, Medina-Fernández J, Delgado FJB. What about the robotic approach in rectal cancer?. MINERVA SURGERY. 2025. 409-422. DOI:10.23736/S2724-5691.25.10861-7. IF: 0,9 Q3 D	General and Digestive Surgery
Sánchez SG, Fernández JG, Cascales-Campos PA, Gil AG, Manzanedo I, Perez FP, Gómez DD, González-de Pedro C, Diaz EA, Sanchez DP, Prada-Villaverde A, Torrejimenó IJ, Lacueva J, Caravaca-García I, Torres-Melero J, Sanchez-Garcia S, Reques ED, Plaza CR, Gutierrez-Calvo A, Bayón LG, Morales-Soriano R, López-Mozos F, Bjelic L, Alvarez JG, Fernandez MEM, Santos ET, García AT, Seoane RA, Armas MA, Garaulet ET, Campos PV, Roda EB, Caro CR, Fadrique AG, Arjona-Sánchez A. Interval Cytoreductive Surgery and Cisplatin- or Paclitaxel-Based HIPEC for Advanced Ovarian Cancer. JAMA NETWORK OPEN. 2025. -. DOI:10.1001/jamanetworkopen.2025.17676. IF: 9,7 Q1 D1	General and Digestive Surgery
Palacios-Eito A, Moreno-Manzanaro MD, Espinosa-Calvo M, Ginés-Santiago F, Camús-Martínez JA, Calvo-Tudela A, Rioja-Torres P, Romero-Martín S, Miñano-Herrero JA, Sarria GR, García-Cabezas S. IORT for early-stage, low-risk breast cancer: Outcomes from a prospective, observational study. CLINICAL AND TRANSLATIONAL RADIATION ONCOLOGY. 2025. -. DOI:10.1016/j.ctro.2025.100998. IF: 2,7 Q2 D4	General and Digestive Surgery
Sánchez SG, Fernández JG, Cascales-Campos PA, Gil AG, Manzanedo I, Perez FP, Gómez DD, González-de Pedro C, Diaz EA, Sanchez DP, Prada-Villaverde A, Torrejimenó IJ, Lacueva J, Caravaca-García I, Torres-Melero J, Sanchez-Garcia S, Reques ED, Plaza CR, Gutierrez-Calvo A, Bayón LG, Morales-Soriano R, López-Mozos F, Bjelic L, Alvarez JG, Fernandez MEM, Santos ET, García AT, Seoane RA, Armas MA, Garaulet ET, Campos PV, Roda EB, Caro CR, Fadrique AG, Arjona-Sánchez A. Interval Cytoreductive Surgery and Cisplatin- or Paclitaxel-Based HIPEC for Advanced Ovarian Cancer. JAMA NETWORK OPEN. 2025. -. DOI:10.1001/jamanetworkopen.2025.17676. IF: 9,7 Q1 D1	Gynaecology
Ballesta-Castillejos A, Rodríguez-Almagro J, De-Mateos SG, Ortiz-Esquinas I, Martínez-Galiano JM, Hernández-Martínez A. Influence of abuse and disrespect during childbirth on early initiation of breastfeeding. INTERNATIONAL BREASTFEEDING JOURNAL. 2025. -. DOI:10.1186/s13006-025-00709-5. IF: 2,8 Q1 D2	Gynaecology
Ortiz-Esquinas I, Rubio-Alvarez A, Ballesta-Castillejos A, Rodríguez-Almagro J, Martínez-Galiano JM, Hernández-Martínez A. Relationship between the perception of disrespectful treatment and abuse during childbirth and the risk of postpartum post-traumatic stress disorder: a PPQ-based study. FRONTIERS IN GLOBAL WOMENS HEALTH. 2025. -. DOI:10.3389/fgwh.2025.1568446. IF: 2,4 Q1 D2	Gynaecology
Martínez-Galiano JM, Rubio-Alvárez A, Ballesta-Castillejos A, Ortiz-Esquinas I, Donate-Manzanares M, Hernández-Martínez A. Risk of suicide and postpartum depression in women who feel they were treated inadequately during childbirth. WOMEN AND BIRTH. 2025. -. DOI:10.1016/j.wombi.2024.101858. IF: 4,1 Q1 D1	Gynaecology

PUBLICATIONS	IMIBIC GROUP
Burillo-Putze G, Rodriguez-Cabrera M, Parra-Esquivel P, Alquézar A, Fernández C, Aguiló S, Jacob J, Montero-Pérez FJ, García-Lamberechts EJ, Piñera P, Marinero-Noval C, Paramas-Lopez L, Rosendo-Mesino D, Cuevas-Jiménez L, Vaswani-Bolchand A, Quesada-Martínez MC, Díaz-Guerra MLP, Amarilla-Molinas CL, González-Tejera M, Mansilla-Collado J, Caballero-Martínez M, Llopis F, Zambrano-Serrano L, Toro-Gallardo V, Beddar-Chaib F, Pedraza-Ramírez P, González-del-Castillo J, Miró O. Analysis of patient-related factors associated with post-discharge adverse events in older patients quickly discharged home after emergency department care with no complementary investigations. SIGNA VITAE. 2025. 18-25. DOI:10.22514/sv.2025.017. IF: 0,6 Q4 D	Hospital Emergency Department
Coll-Vinent B, Hernández NM, Marco NC, Boixeda C, Rodríguez JJ, Alquézar-Arbé A, Alonso CF, Burillo-Putze G, Montero-Pérez FJ, del Castillo JG, Miró O. Clinical-epidemiological aspects, hospitalization, and reconsultations in older patients with atrial fibrillation in emergency departments in Spain (EDEN-35 study): sex-disaggregated analysis. EMERGENCIAS. 2025. 203-214. DOI:10.55633/s3me/035.2025. IF: 6,3 Q1 D1	Hospital Emergency Department
Béliz OJS, Pérez-Fernández E, Miró O, Aguiló S, Burillo-Putze G, Alquézar-Arbé A, Fernández-Alonso C, Jacob J, Pérez FJM, Villalibre AM, Cardeñosa SC, Lázaro LS, Martínez MC, Soler EM, Fernández IB, Gil AIC, González RH, Carbó-Jordá A, Rodrigo IC, Bañeres BG, Carrete CR, Gallardo RR, Soler AC, Nespereira EG, García AG, Ramos JRO, Diaz LH, del Castillo JG. Epidemiological and clinical management aspects related to urinary tract infections diagnosed in the emergency department in elderly patients in Spain: Results of the EDEN-36 study.. REVISTA ESPANOLA DE QUIMIOTERAPIA. 2025. 28-39. DOI:10.37201/req/066.2024. IF: 2,2 Q3 D	Hospital Emergency Department
Montero-Pérez FJ, Bajo-Fernández I, Castillo JGD, Burillo-Putze G, Jacob J, Aguiló S, Pinera-Salmerón P, Alquezar-Arbé A, Fernández-Alonso C, Llorens P, Cho JUH, Casado-Ramón B, Gayoso-Martín S, Sánchez-Sindín G, Fernández-Alvarez ME, Gallardo-Vizcaíno P, Romero-Carrete C, Llauger L, Vázquez-Rey V, Calle-Fernández S, Cañete M, Ruescas E, Fernández-Salgado F, Miró O. Factors associated with discharge home in older patients admitted to emergency department observation units: Looking for a predictive scale. JOURNAL OF EVALUATION IN CLINICAL PRACTICE. 2025. -. DOI:10.1111/jep.14124. IF: 2,1 Q2 D3	Hospital Emergency Department
Haro A, Jacob J, Rossello X, Llorens P, Herrero P, Alquézar-Arbé A, Llauger L, Aguirre A, Piñera P, Espinosa B, Gil V, Burillo-Putze G, López-Diez MP, Cabello I, Roset A, Martín-Mojarro E, Andueza JA, Tost J, Garrido JM, Domingo E, Calvo-Rodríguez R, Miró O. Impact of chronic renin-angiotensin-aldosterone inhibitors on short-term outcomes in patients with acute heart failure presenting to the emergency department. A propensity-matched analysis EAHFE cohort. INTERNATIONAL JOURNAL OF CARDIOLOGY. 2025. -. DOI:10.1016/j.ijcard.2024.132615. IF: 3,2 Q2 D4	Hospital Emergency Department
Julián-Jiménez A, Galán CD, Ochoa RI, Llorens P, Rodríguez RC, Delgado RC, Rodríguez JJ, Blanco IM, Campmany MP. Key Points of the Official Training Program for the Specialty of Emergency and Urgent Care Medicine in Spain. EMERGENCIAS. 2025. 442-462. DOI:10.55633/s3me/095.2025. IF: 6,3 Q1 D1	Hospital Emergency Department
Miró O, Morales X, Cuerpo S, Möckel M, Burillo G, Alquézar-Arbé A, Montero-Pérez FJ, Jacob J, Bellido A, del Castillo JG. Non-specific abdominal pain in elderly patients discharged from the emergency department: Frequency, outcomes and risk-factors for adverse events (EDEN-43 study). AMERICAN JOURNAL OF EMERGENCY MEDICINE. 2025. 140-145. DOI:10.1016/j.ajem.2025.04.007. IF: 2,2 Q2 D4	Hospital Emergency Department
Aguirre NL, Gutiérrez SG, Miro O, Jacob J, Llorens P, Burillo-Putze G, Fernández C, Alquezar-Arbé A, Aguiló S, Pérez FJM, Bermejo JJN, Vera MTM, García AG, Ezponda P, Lorenzo AM, Almela AFS, Martin JMS, Ramón SS, Liarte JVO, Diez MAB, Puente PH, Olagünaga AM, Fernandez EC, Molina L, Juan MM, Rodríguez ED, del Castillo JG. Predicting Hospitalisation In Older Patients Attended In The Emergency Department Using Classical And Arifitcail Intelligence Mathematical Strategies. JOURNAL OF HEALTH RESEARCH. 2025. 262-273. DOI:10.56808/2586-940X.1141. IF: 0,7 Q4 D	Hospital Emergency Department
Fuentes E, Jacob J, del Castillo JG, Montero-Pérez FJ, Alquezar-Arbé A, Miró O. Short-and long-term characteristics and outcomes in patients aged 65 or older living in nursing homes. EDEN-40 Study. REVISTA CLINICA ESPANOLA. 2025. -. DOI:10.1016/j.rce.2025.502281. IF: 1,7 Q2 D4	Hospital Emergency Department

PUBLICATIONS	IMIBIC GROUP
Fuentes E, Jacob J, del Castillo JG, Montero-Pérez FJ, Alquezar-Arbé A, García-Lamberechts EJ, Aguiló S, Fernández-Alonso C, Burillo-Putze G, Piñera P, Llauger L, Vázquez-Rey V, Carrasco-Fernández E, Juárez R, Blanco-Hoffman MJ, Rodríguez ED, Rios-Gallardo R, Berenguer-Diez MA, Guiu S, López-Laguna N, Delgado-Sardina V, Diego-Robledo FJ, Ezponda P, Martínez-Lorenzo A, Ortega-Liarte JV, García-Rupérez I, Borne-Jerez S, Gil-Rodrigo A, Llorens P, Miró O, EDEN Res Grp. Use of resources in elderly patients consulting the emergency department: analysis of the Emergency Department and Elder Needs Cohort (EDEN-21). INTERNAL AND EMERGENCY MEDICINE. 2025. 247-256. DOI:10.1007/s11739-024-03638-z. IF: 3,8 Q1 D2	Hospital Emergency Department
Montero-Pérez FJ, Bajo-Fernández I, del Castillo JG, Burillo-Putze G, Fernández C, Aguiló S, Alquézar-Arbé A, Jacob J, Llorens P, Ungerer OJT, Eiroa-Hernández P, Parra-Esquivel P, Pineda MCS, Grinspan MR, Palacios MFP, Tejera MG, Garcia MB, Benito MV, Llopis F, Martos RM, Gallardo VT, Hernández RJG, García JP, Aguilera CL, Pulfer MD, Rodríguez ME, Vela MI, Romero MR, Gimenez AM, Miró O. Admission rates and outcomes of elderly patients in emergency department observation units. A Spanish multicentre study. SIGNA VITAE. 2025. 80-91. DOI:10.22514/sv.2025.146. IF: 0,6 Q4 D	Hospital Emergency Department
Rodriguez-Camacho JM, Caro-Teller JM, Plata-Paniagua S, Montero-Delgado JA, Jimenez-Lozano I, Cuadros-Martinez CM. [Translated article] Protocol for the adaptation and consensus of the Community Pharmacy Survey on Patient Safety Culture to hospital pharmacy in Spain. FARMACIA HOSPITALARIA. 2025. T308-T311. DOI:10.1016/j.farma.2024.12.008. IF: 1,3 Q4 D	Hospital Pharmacy
Pourroy B, Aumente MD, Koenecke C, Stanulla M, Ferreri AJM, Murciano-Carillo T, Dandapani M, Ritzmann TA, Barba P, Chatelut E, Ingley KM, Morris E, Schorb E, Liebig S, Schwartz S, Howard SC, Combs R, Tentoni N, Lowe J, Villanueva G, Sampor C, Hwang M, Rizzari C. High-Dose Methotrexate at All Ages: Safety, Efficacy, and Outcomes from the HDMTX European Registry. CANCERS. 2025. -. DOI:10.3390/cancers18010124. IF: 4,4 Q2 D3	Hospital Pharmacy
Cordero CG, de Vicente MST, Espinosa AJ, Sánchez AIG. Pharmacist's role in the management of drug-drug interactions caused by nirmatrelvir/ritonavir in COVID-19 oncohematology patients. JOURNAL OF ONCOLOGY PHARMACY PRACTICE. 2025. 374-380. DOI:10.1177/10781552241237750. IF: 0,9 Q4 D	Hospital Pharmacy
Rodriguez-Camacho JM, Caro-Teller JM, Plata-Paniagua S, Montero-Delgado JA, Jimenez-Lozano I, Cuadros-Martinez CM. Protocol for the adaptation and consensus of the Community Pharmacy Survey on Patient Safety Culture to hospital pharmacy in Spain. FARMACIA HOSPITALARIA. 2025. 308-311. DOI:10.1016/j.farma.2024.10.002. IF: 1,3 Q4 D	Hospital Pharmacy
Martínez-Puig P, Báez-Gutiérrez N, Rodríguez-Ramallo H, Abdelkader-Martin L, Otero-Candelera R. Systematic evaluation of subgroup analyses of inhaled treprostinil in pulmonary hypertension due to interstitial lung disease. PLOS ONE. 2025. -. DOI:10.1371/journal.pone.0318739. IF: 2,6 Q2 D4	Hospital Pharmacy
Alegre-del Rey EJ, Fénix-Caballero S, Fuentes MDF, Aranzana MJC, Lopez-Briz E, Latorre FP, Domínguez-Santana CM. The relevance of therapeutic positioning in the post-approval evaluation of new medicines. FARMACIA HOSPITALARIA. 2025. 109-116. DOI:10.1016/j.farma.2024.06.001. IF: 1,3 Q4 D	Hospital Pharmacy
Mantrana A, Sánchez-Montero MT, Navarrete-Sirvent C, Herrera-Casanova N, Mena-Osuna R, Rivas-Crespo A, Díaz-Chacon A, Avila-Oca V, Toledano-Fonesca M, García-Ortíz MV, González-Fernández R, Gomez-España MA, Villar C, Medina-Fernádez FJ, Aranda E, Guil-Luna S, Rodríguez-Ariza A. Glycolysis Inhibition Restores Immune Sensitivity in GSNOR-Deficient Colorectal Cancer. LABORATORY INVESTIGATION. 2025. -. DOI:10.1016/j.labinv.2025.104250. IF: 4,2 Q1 D2	IMIBIC Biotechnology Unit
Vicens-Novell G, Fuentes AP, Delgado PS, Ruiz-Leon B. Hymenoptera Venom Anaphylaxis: What Makes Them Different. CURRENT TREATMENT OPTIONS IN ALLERGY. 2025. -. DOI:10.1007/s40521-025-00385-0. IF: 1,7 Q3 D	Immunology and Allergy
Vicens-Novell G, Fuentes AP, Delgado PS, Ruiz-Leon B. Understanding Hymenoptera Venom Allergy: Key Concepts and Clinical Approaches. CURRENT TREATMENT OPTIONS IN ALLERGY. 2025. -. DOI:10.1007/s40521-025-00403-1. IF: 1,7 Q3 D	Immunology and Allergy

PUBLICATIONS	IMIBIC GROUP
Gómez-Aguilera M, Manzanares-Martín B, Cebrián-Aranda A, Rodríguez-Ariza A, González-Fernández R, del Puerto-Nevado L, García-Foncillas J, Aranda E. Immune Modulation Through KIR-HLA Interactions Influences Cetuximab Efficacy in Colorectal Cancer. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26168062. IF: 4,9 Q1 D3	Immunology and Allergy
Mercader SM, Garcia-Bustos V, Moral PM, Buenaventura CM, Vergara EE, Bosch MCM, Balastegui-Martín H, Maycas SG, Amores MG, Sanz NG, Palazón ME, Mulet MM, Carrasco IC, López A, Ruiz CDH, Ruiz-López L, Guzmán RG, Cabañero-Navalon MD. Exploring Multidimensional Risk Factors Associated with Local Adverse Reactions to Subcutaneous Immunoglobulin Therapy: Insights from a Nationwide Multicenter Study. BIOMEDICINES. 2025. -. DOI:10.3390/biomedicines13081991. IF: 3,9 Q1 D3	Immunology and Allergy
Mercader SM, Garcia-Bustos V, Moral PM, Buenaventura CM, Vergara EE, Bosch MCM, Balastegui-Martín H, Maycas SG, Mur BP, Palazón ME, Mulet MM, Carrasco IC, López A, Ruiz CDH, Ruiz-López L, Guzmán RG, Cabañero-Navalon MD. Patient-centered outcomes with subcutaneous immunoglobulin use for infection control in primary and secondary immunodeficiencies: data of a GEIE Spanish Registry. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1532367. IF: 5,9 Q1 D2	Immunology and Allergy
Morell CL, Berrio M, Sánchez BL, Molina JB, Muñoz JT, Novo C, Novo M, Luna V, Portillo P, Leyva S. Evaluation of a specific enteral tube feeding formula in diabetic patients with chronic neurodegenerative diseases: the NutriEnd study. NUTRICION HOSPITALARIA. 2025. 1138-1146. DOI:10.20960/nh.05684. IF: 1,1 Q4 D	Infanta Margarita Hospital
de Dios SML, Moriana JA, Pérez-Dueñas C, Martínez-Gual E, Alcaide AC, Matilla RG, Antolí A, Sánchez-Raya A. Psychometric properties and assessment of child development with the DAUCO Test scale. REVISTA DE PSICOLOGIA CLINICA CON NINOS Y ADOLESCENTES. 2025. 106-113. DOI:10.21134/rpcna.2025.12.2.4. IF: 0,8 Q4 D	Infanta Margarita Hospital
Nopp S, Spielvogel C, Bikdeli B, Alberich-Conesa A, Hernández-Blasco L, Peris ML, Otero R, Jimenez D, Monreal M, Ay C, de Blas PA, Aibar J, Alberich-Conesa A, Alda-Lozano A, Alfonso J, Alonso-Carrillo J, Alvarez-Vega P, Amado C, Angelina-Garcia M, Arcelus JI, Ballaz A, Barba R, Barbagelata C, Barrón M, Barrón-Andres B, Bascuñana J, Blanco-Molina A, Bustos-Carpio J, Casado I, Chasco L, Claver G, De Juana-Izquierdo C, Del Toro J, Demelo-Rodriguez P, Diaz-Brasero AM, Diaz-Pedroche MC, Diaz-Peromingo JA, Dubois-Silva A, Escribano JC, Fernández-Capitán C, Fernández-Jimenez B, Fernández-Reyes JL, Fidalgo MA, Francisco I, Gabara C, Galeano-Valle F, Garcia-Bragado F, Garcia-González C, Garcia-Ortega A, Gavin-Sebastián O, de Gómez MAG, Gil-Díaz A, Gómez-Cepeda C, Gómez-Cuervo C, González-Martinez J, González-Munera A, Gorostidi J, Grau E, Guirado L, Gutierrez-Guisado J, Hernández-Blasco L, Jara-Palomares L, Jimenez D, Jou I, Joya MD, Láinez-Justo S, Lecumberri R, Lobo JL, López-Jimenez L, López-Miguel P, López-Núñez JJ, López-Ruiz A, López-Sáez JB, Lorenzo A, Madridano O, Maestre A, Marchena PJ, Marcos M, Pozo MMD, Martin-Martos F, Maza JM, Mercado MI, Molino A, Monreal M, Monzón L, Navas MS, Nieto JA, Núñez-Fernández MJ, Ordieres L, Ortiz O, Otálora S, Otero R, Pacheco-Gómez N, Pagán J, Parra-Caballero P, Pedrajas JM, Perez-Amorós J, Perez-Cabezas A, Perez-Ductor C, Perez-Pinar M, Peris ML, Pesce ML, Porras JA, Puchades R, Puche G, Rivas A, Rivera-Civico F, Rodriguez-Cobo A, Romero-Bruguera M, Salgueiro G, Sánchez-Juez A, Sancho T, Sendin V, Sigüenza P, Soler S, Sota-Yoldi LA, Suárez-Fernández S, Tirado R, Torrents-Vilar A, Torres MI, Trujillo-Santos J, Uresandi F, Valle R, Varona JF, Vázquez E, Villalobos A, Villarejo C, Villares P, Ay C, Nopp S, Pabinger I, Vanasssche T, Verhamme P, Verstraete A, Rocha AT, Yoo HHB, Montenegro AC, Morales SN, Roa J, Hirmerova J, Maly R, Acassat S, Bertoletti L, Brehon M, Bura-Riviere A, Catella J, Chopard R, Couturaud F, Espitia O, Le Mao R, Leclercq B, Mahe I, Moustafa F, Plaisance L, Poenou G, Quere I, Sarlon-Bartoli G, Suchon P, Versini E, Schellong S, Rashidi F, Sadeghipour P, Tahmasbi F, Brenner B, Kennet G, Tzoran I, Barillari G, Basaglia M, Bilora F, Bissacco D, Brandolin B, Casana R, Ciammaichella MM, Colaizzo D, Di Micco P, Giorgi-Pierfranceschi M, Grandone E, Lambertenghi-Deliliers D, Marcon C, Poz A, Prandoni P, Simioni P, Siniscalchi C, Taflaj B, Tufano A, Visonà A, Zalunardo B, Skride A, Tazi-Mezalek Z, Fonseca S, Marques R, Meireles J, Pinto S, Bosevski M, Zdraveska M, Barco S, Bounameaux H, Keller S, Mazzolai L, Porceddu E, Aujayeb A, Angiolillo DJ, Bikdeli B, Caprini JA, Khalil A, Ortega-Paz L, Tafur J, Weinberg I, Bui HM. A machine learning approach to identify patients at risk for long-term consequences after pulmonary embolism. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-14893-1. IF: 3,9 Q1 D2	Infanta Margarita Hospital
Cubides-Cely S, Serrano BM, Mejia-Ospino E, Escobar P. A predictive model developed to classify Leishmania promastigotes at two distinct life stages using MALDI-TOF mass spectrometry. ARCHIVES OF MICROBIOLOGY. 2025. -. DOI:10.1007/s00203-025-04424-x. IF: 2,6 Q3 D	Infectious Diseases

PUBLICATIONS	IMIBIC GROUP
Recio-Rufian M, López-Viñau T, Gálvez-Soto V, Cano A, Ruiz-Montero R, Gutiérrez-Gutiérrez B, Gracia-Ahufinger I, Peñalva G, Marín-Sanz JA, Marin-Sanz M, Segorbe D, Pineda-Capitán JJ, Muñoz-Rosa M, Riazzo C, Giovagnorio F, Ruiz-Arabi E, Torres-Peña JD, Castón JJ, Machuca I, Salcedo-Leal I, Martínez-Martínez L, Pérez-Nadales E, Torre-Cisneros J. Incidence, clinical and genomic trends of hospital- and Non-hospital-onset KPC-producing Klebsiella pneumoniae infections before and during the COVID-19 era: a ten-year interrupted time series study. ANTIMICROBIAL RESISTANCE AND INFECTION CONTROL. 2025. -. DOI:10.1186/s13756-025-01614-6. IF: 4,4 Q1 D2	Intensive Care Medicine
Rodríguez-Goncer I, Ruiz-Arabi E, Herrera S, Sabé N, Los-Arcos I, Silva JT, Perez-Nadales E, Machuca I, Alvarez R, Valerio M, Castón JJ, Aguilera V, Bodro M, Cano A, Cantón R, Carmona P, Carratalà J, Cordero E, Cruzado JM, Fariñas MC, Fernández-Ruiz M, Fondevila C, Fortún J, García-Cosío MD, Gutiérrez-Dalmau A, Iturbe D, Justo I, Len O, López-Medrano F, Oliva MOL, Martín-Dávila P, Martínez-Martínez L, Mazuecos A, Mirabet S, Muñoz P, Oliver A, Pérez-Sáez MJ, Rodríguez-Gómez J, San-Juan R, Sánchez-Céspedes J, Solé A, Verdú EV, Villa J, Torre-Cisneros J, Aguado JM. Management of multidrug-resistant gram-negative bacilli infections in adult solid organ transplant recipients: GESITRA-IC/SEIMC, CIBERINFEC, and SET recommendations update.. TRANSPLANTATION REVIEWS. 2025. -. DOI:10.1016/j.trre.2025.100937. IF: 2,5 Q2 D4	Intensive Care Medicine
Grassi A, Bianchi I, Droghi MT, Miori S, Bruno I, Balzani E, Morris IS, Schaedler D, Becher T, Marchal MV, Serrano JM, Caritg O, Roca O, Costa E, Amato M, Barriga F, Roldan R, Boffi A, Piquilloud L, Mitchon GJ, Musch G, Piva S, Bertoni M, Castagna L, Grasselli G, Riccardo M, Spadaro S, Nita C, Mcnicholas B, Sklar MC, Magliocca A, Rezoagli E, Foti G, Laffey J, Brochard LJ, Goligher EC, Bellani G. Increased Driving Pressure During Assisted Ventilation for Hypoxemic Respiratory Failure Is Associated with Lower ICU Survival The ICEBERG Study. AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE. 2025. 2169-2179. DOI:10.1164/rccm.202411-2146OC. IF: 19,4 Q1 D1	Intensive Care Medicine
Lopez C, Sanchez-Sanchez R, Corona D, Perez AB, Bravo F, de Alba M, Bracero A, Cazorla C, Vázquez A, Sánchez-Seco MP, Negredo A, Gómez-Pinedo U, Martinez-Martinez L, Torre-Cisneros J, de la Fuente C. A Fatal Case of Monkeypox-Associated Encephalitis in a Non-HIV-Infected Patient. CRITICAL CARE EXPLORATIONS. 2025. -. DOI:10.1097/CCE.0000000000001272. IF: 2,7 Q2 D5	Intensive Care Medicine
Rodríguez-Gómez J, Gracia-Ahufinger I I, Carmona-Flores R, Guzmán-Puche J, León R, Pérez-Nadales E, de la Rosa MM, Natera AM, Castón JJ, Cano A, Pineda-Capitán JJ, López C, de la Fuente-martos C, Torre-Cisneros J, Martínez-Martínez L. Efficacy of high doses of intravenous fosfomycin for treatment of urinary tract infection caused by KPC carbapenemase-producing Klebsiella pneumoniae : An observational study. JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE. 2025. 138-143. DOI:10.1016/j.jgar.2024.12.013. IF: 3,2 Q2 D4	Intensive Care Medicine
Azeli Y, Solà-Muñoz S, Trenado J, Jacob J, Cubedo M, Delgado R, Mugica EM, Fontan I, Bracero A, López-López C, Carricondo-Avivar MD, Luque-Hernández MJ, Villalba E, Simón S, Castejón ME, Goni C, Cardenete C, Quintela Z, Abejón R, Bermejo A, Martín M, Soto-García MA, Morales-Alvarez J, Cuartas-Alvarez T, Castro-Delgado R, Jiménez-Fábrega X. A transfer triage tool for COVID-19 mass critical care surges. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-95337-8. IF: 3,9 Q1 D2	Intensive Care Medicine
Garcia-Fernandez H, Alcala-Diaz JF, Quintana-Navarro GM, Lopez-Moreno J, Luque-Cordoba D, Narvaez ERD, Arenas-de Larriva AP, Gutierrez-Mariscal FM, Torres-Pena JD, Rodriguez-Cano D, Luque RM, Priego-Capote F, Lopez-Miranda J, Camargo A. Trimethylamine Oxidation into the Proatherogenic Trimethylamine N-Oxide Is Higher in Coronary Heart Disease Men: From the CORDIOPREV Study. WORLD JOURNAL OF MENS HEALTH. 2025. 249-258. DOI:10.5534/wjmh.230366. IF: 4,1 Q1 D1	Internal Medicine
Vega-Rojas A, Haro C, Molina-Abril H, Guil-Luna S, Santos-Marcos JA, Gutierrez-Mariscal FM, Garcia-Fernandez H, Caballero-Villarraso J, Rodriguez-Ariza A, Lopez-Miranda J, Perez-Martinez P, Hervás A, Camargo A. Gut Microbiota Interacts with Dietary Habits in Screenings for Early Detection of Colorectal Cancer. NUTRIENTS. 2025. -. DOI:10.3390/nu17010084. IF: 5 Q1 D2	Internal Medicine

PUBLICATIONS	IMIBIC GROUP
de la Cruz-Ares S, Coronado-Carvajal MD, Rangel-Zúñiga OA, Torres-Peña JD, Arenas-de Larriva AP, López-Moreno A, Katsiki N, Ordovás JM, Delgado-Lista J, López-Martínez P, Gutiérrez-Mariscal FM, López-Miranda J. Lipoprotein particle profile in the presence of peripheral artery disease among patients with coronary heart disease: Data from the CORDIOPREV study. JOURNAL OF CLINICAL LIPIDOLOGY. 2025. 256-266. DOI:10.1016/j.jacl.2024.12.007. IF: 4,6 Q1 D2	Internal Medicine
Rubín-Garía M, Vitelli-Storelli F, Toledo E, Alvarez-Alvarez L, Martínez-González MA, Corella D, Salas-Salvadó J, Zomeño MD, Martínez JA, Alonso-Gómez AM, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Santos-Lozano JM, Serra-Majem L, Bueno-Cavanillas A, Tur JA, Pintó X, Gaforio JJ, Matía-Martín P, Vidal J, Mas-Fontao S, Daimiel L, Ros E, Vázquez-Ruiz Z, de la Puente MF, Alvarez-Sala A, Pérez-Vegaj A, García-Rios A, González-Palacios S, Gómez-Pérez A, Zulet MA, Chaplin A, Casas R, Cano-Ibañez N, Tojal-Sierra L, Cueto-Galán R, Buil-Cosiales P, Gutiérrez-Carrasquilla L, Sorli J, Malcampo M, Ortiz-Morales AM, Mira-Castejón LA, Rios S, Fitó M, Martín-Sánchez V. Sex differences in (poly)phenol intake patterns and cardiovascular risk in Spanish adult population at high risk of cardiovascular disease: Cross-sectional findings. NUTRITION. 2025. -. DOI:10.1016/j.nut.2025.112919. IF: 3 Q2 D5	Internal Medicine
Narváez ERD, Medina RV, García-Fernádez H, Ramirez AI, Benitez S, Echagüe G, Sosa L, Alvarenga N, Lugo AA, López-Miranda J, Pérez-Martínez P, Rangel-Zuñiga OA. Fermented dairy product could improve glucose homeostasis in patients diagnosed with type 2 diabetes mellitus: A randomized controlled trial. FUTURE FOODS. 2025. -. DOI:10.1016/j.fufo.2025.100679. IF: 8,2 Q1 D1	Internal Medicine
Garcia-Fernandez H, Arenas-Montes J, Gutierrez-Mariscal FM, Alcala-Diaz JF, Allais A, Arenas-de Larriva AP, Luque-Cordoba D, Torres-Peña JD, Romero-Cabrera JL, Luque RM, Priego-Capote F, Delgado-Lista J, Lopez-Miranda J, Camargo A. Sex-differences in endotoxemia and trimethylamine N-oxide according to the diet and type 2 diabetes status in coronary heart disease patients: from the CORDIOPREV study. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2025. -. DOI:10.3389/fcvm.2025.1527406. IF: 2,9 Q2 D4	Internal Medicine
Hermán-Sánchez N, del Rio-Moreno M, Ciria R, Sánchez-Frias ME, Fernández-Barrena MG, Uriarte I, Chicano-Galvez E, Ortea I, Peralbo-Molina A, Briceño J, Avila MA, Rodríguez-Perálvarez M, Luque RM, López-Cánovas JL, Gahete MD. Quantitative proteomic analysis unveils a critical role of VARS1 in hepatocellular carcinoma aggressiveness through the modulation of MAGI1 expression. MOLECULAR CANCER. 2025. -. DOI:10.1186/s12943-024-02206-5. IF: 33,9 Q1 D1	Mass Spectrometry and Molecular Imaging Unit
Lluch A, Latorre J, Espadas I, Oliveras-Cañellas N, Moreno-Navarrete JM, Caballano-Infantes E, Sarker G, Malvido NF, Garrido-Gil P, Labandeira-García JL, Nakaya N, Mora S, Chicano E, López-Alcalá J, Malagón MM, Martin-Montalvo A, Zhang BR, Zhou Y, Domingos AI, López M, Pörschke J, Gómez-Serrano M, Szymanski W, Graumann J, Tomarev SI, González-García I, Fernández-Real JM, Ortega FJ. Defective Olfactomedin-2 connects adipocyte dysfunction to obesity. NATURE COMMUNICATIONS. 2025. -. DOI:10.1038/s41467-025-62430-5. IF: 15,7 Q1 D1	Mass Spectrometry and Molecular Imaging Unit
Frias M, Chicano-Gálvez E, Rivero-Juárez A, Gordon A, Corona-Mata D, Moyano JM, Peralbo-Molina A, Camacho A, Pérez-Valero I, Malagón MD, Rivero A. Afamin and Apolipoprotein F Associated With Liver Steatosis From People Living With HIV: A Discovery Study. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2025. 1767-1774. DOI:10.1111/apt.70119. IF: 6,7 Q1 D1	Mass Spectrometry and Molecular Imaging Unit
de Lope, MMR, Sánchez-Pajares, IR, Herranz, E, López-Vázquez, CM, González-Moro, A, Rivera-Tenorio, A, González-Sanz, C, Sacristán, S, Chicano-Gálvez, E, de la Cuesta, F. A Compendium of Bona Fide Reference Markers for Genuine Plant Extracellular Vesicles and Their Degree of Phylogenetic Conservation. JOURNAL OF EXTRACELLULAR VESICLES. 2025. -. DOI:10.1002/jev2.70147. IF: 14,5 Q1 D1	Mass Spectrometry and Molecular Imaging Unit
Casas-Rodríguez A, López-Vázquez CM, Guzmán-Guillén R, Ayala N, Cameán AM, Jos A, Chicano-Gálvez E. A MALDI-MSI-based approach to characterize the spatial distribution of cyindrospermopsin and lipid alterations in rat intestinal tissue. CHEMICO-BIOLOGICAL INTERACTIONS. 2025. -. DOI:10.1016/j.cbi.2025.111479. IF: 5,4 Q1 D2	Mass Spectrometry and Molecular Imaging Unit
Menendez-Pedriz A, Bookmeyer C, Vandenbosch M, Chattopadhyay S, Garcia-Altares M, Chicano-Galvez E, Heeren RMA, Navarro-Martin L, Jaumot J. Comprehensive MSI-based protocols for the spatial lipidomics characterization of microscale organisms. MICROCHEMICAL JOURNAL. 2025. -. DOI:10.1016/j.microc.2025.114936. IF: 5,1 Q1 D3	Mass Spectrometry and Molecular Imaging Unit

PUBLICATIONS	IMIBIC GROUP
Mourino-Alvarez L, Juarez-Alia C, Sastre-Oliva T, Perales-Sánchez I, Hernandez-Fernandez G, Chicano-Galvez E, Peralbo-Molina A, Madruga F, Blanco-Lopez E, Tejerina T, Barderas MG. Dysregulation of Lipid Metabolism Serves as A Link Between Alzheimer's and Cardiovascular Disease, As Witnessed in A Cross-Sectional Study. AGING AND DISEASE. 2025. 1769-1784. DOI:10.14336/AD.2024.0434. IF: 6,9 Q1 D1	Mass Spectrometry and Molecular Imaging Unit
Sanchez-Manas JM, Perales S, Martinez-Navajas G, Ceron-Hernandez J, Lopez CM, Peralbo-Molina A, Delgado JR, Martinez-Galan J, Ramos-Mejia V, Chicano-Galvez E, Hernandez-Valladares M, Ortuno FM, Torres C, Real PJ. Proteomic Validation of MEG-01-Derived Extracellular Vesicles as Representative Models for Megakaryocyte- and Platelet-Derived Extracellular Vesicles. BIOMOLECULES. 2025. -. DOI:10.3390/biom15121698. IF: 4,8 Q1 D3	Mass Spectrometry and Molecular Imaging Unit
Menendez-Pedriz A, López CM, Chicano-Gálvez E, Jaumot J, Barata C, Navarro-Martin L. Spatially resolved lipid disruption induced in Daphnia magna by environmentally relevant exposure to obesogens tributyltin and pyriproxyfen. AQUATIC TOXICOLOGY. 2025. -. DOI:10.1016/j.aquatox.2025.107521. IF: 4,3 Q1 D2	Mass Spectrometry and Molecular Imaging Unit
Torrалbo F, López CM, Alseekh S, Martinez-Rivas FJ, Reyes MR, Fernie AR, Alamillo JM. The source of nitrogen conditions transcriptomic responses to water deficit in common bean roots. PLANT PHYSIOLOGY AND BIOCHEMISTRY. 2025. -. DOI:10.1016/j.plaphy.2025.110264. IF: 5,7 Q1 D1	Mass Spectrometry and Molecular Imaging Unit
Herederо S, Gómez VJ, Sanjuan-Sanjuan A. The Role of Virtual Reality, Augmented Reality and Mixed Reality in Modernizing Free Flap Reconstruction Techniques. ORALAND MAXILLOFACIAL SURGERY CLINICS OF NORTH AMERICA. 2025. 479-486. DOI:10.1016/j.coms.2025.04.004. IF: 1,3 Q3 D	Maxillofacial Surgery
Navarro L, Perez-Bartivas L, Ponferrada D, Cejas J, Camús JA, Rangel N, Porras M, Estevez CM, Eito AP, Rioja P, Alvarez M, Aranda E, de la Haba-Rodríguez. Prioritizing breast cancer surgeries: insights from the KRONOS SCORE. FRONTIERS IN ONCOLOGY. 2025. -. DOI:10.3389/fonc.2024.1465154. IF: 3,3 Q2 D4	Medical Oncology
Gómez-Aguilera M, Manzanares-Martín B, Cebrián-Aranda A, Rodríguez-Ariza A, González-Fernández R, del Puerto-Nevado L, García-Foncillas J, Aranda E. Immune Modulation Through KIR-HLA Interactions Influences Cetuximab Efficacy in Colorectal Cancer. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms26168062. IF: 4,9 Q1 D3	Medical Oncology
Valladares-Ayerbes M, Toledano-Fonseca M, Graña B, Jimenez-Fonseca P, Pulido-Cortijo G, Gil S, Sastre J, Salud A, Rivera F, Salgado M, García-Alfonso P, López RL, Guillén-Ponce C, Rodríguez-Ariza A, Vieitez JM, Díaz-Rubio E, Aranda E, Spanish Cooperat Grp Treatment Digest Tumours TTD. Associations of blood RNA biomarkers and circulating tumour cells in patients with previously untreated metastatic colorectal cancer. BMC CANCER. 2025. -. DOI:10.1186/s12885-025-14098-9. IF: 3,4 Q2 D4	Medical Oncology
García-Alfonso P, Jimenez-Fonseca P, Soto-Alsar J, Baraibar I, Santos C, La Casta A, Ghanem I, Cortijo G, Méndez A, Pazo-Cid R, Vera R, Melián M, Alcaide J, Graña B, Páez D, Gallego I, Lobo M, Borregón M, Montes A, de Castro E, Carmona-Bayonas A, Aranda E. Three-year survival follow-up of patients with gastrointestinal cancer treated during the COVID-19 pandemic in Spain: data from the PANDORA-TTD20 study. ONCOLOGIST. 2025. -. DOI:10.1093/oncolo/oyae300. IF: 4,2 Q2 D3	Medical Oncology
Oaknin A, Monk BJ, de Melo AC, Kim HS, Kim YM, Lisyanskaya AS, Samouelian V, Lorusso D, Damian F, Chang CL, Gotovkin E, Takahashi S, Ramone D, Mackowiak-Matejczyk B, Polastro L, Alia EMG, Colombo N, Makarova Y, Goh JC, Hasegawa K, Mora P, Pikiel J, Srivastav R, Rischin D, Rubio MJ, Perez J, Yoo SY, Gao B, Jamil S, Seebach F, Lowy I, Mathias M, Fury MG, Tewari KS. Cemiplimab in recurrent cervical cancer: Final analysis of overall survival in the phase III EMPOWER-Cervical 1/GOG-3016/ENGOT-cx9 trial. EUROPEAN JOURNAL OF CANCER. 2025. -. DOI:10.1016/j.ejca.2024.115146. IF: 7,1 Q1 D2	Medical Oncology
Cherifi F, Ray-Coquard I, Rubio MJ, Paoletti X, Lorusso D, Choi CH, Hasegawa K, Tan DSP, Hudson E, Davis A, Tognon G, Lheureux S, Key MAV, Kurtz JE, Alexandre J, Joly F. DOMENICA: dostarlimab versus chemotherapy alone in first-line MMR-deficient advanced endometrial cancer patients. FUTURE ONCOLOGY. 2025. 1613-1623. DOI:10.1080/14796694.2025.2496133. IF: 2,6 Q3 D	Medical Oncology

PUBLICATIONS	IMIBIC GROUP
Isla D, Zugazagoitia J, Arriola E, García-Campelo R, Blanco CM, Diz-Taín MP, Lopez-Brea M, Moreno-Vega AL, León-Mateos L, Oramás J, Gutiérrez-Calderón V, Majem M, Sánchez-Hernández A, Aguado C, Alvarez-Cabellos R, Massutí B, Moreno A, Fírvida-Pérez JL, Valdivia J, González-Cordero M, Zafra-Poves M, Dómine M, Garcia-Navalon FJ, Villanueva N, Provencio M, Juan-Vidal O, Rivas-Corredor C, García MEO, Palmero R, López-Castro R, Carcereny E, Lechuga JL, Domínguez M, Callejo A, Paz-Ares L. Durvalumab plus platinum-etoposide in the first-line treatment of extensive-stage small cell lung cancer (CANTABRICO): A single-arm clinical trial. LUNG CANCER. 2025. -. DOI:10.1016/j.lungcan.2025.108763. IF: 4,4 Q1 D2	Medical Oncology
Harter P, Marth C, Mouret-Reynier MA, Cropet C, Lorusso D, Guerra-Alía EM, Matsumoto T, Vergote I, Colombo N, Mäenpää J, Lebreton C, de Gregorio N, Mosconi AM, Rubio-Pérez MJ, Bourgeois H, Fasching PA, Cecere SC, Hardy-Bessard AC, Denschlag D, de Percin S, Hanker L, Favier L, Bauerschlag D, Desauw C, Hillemanns P, Largillier R, Sehouli J, Grenier J, Pujade-Lauraine E, Ray-Coquard I. Efficacy of subsequent therapies in patients with advanced ovarian cancer who relapse after first-line olaparib maintenance: results of the PAOLA-1/ ENGOT-ov25 trial. ANNALS OF ONCOLOGY. 2025. 185-196. DOI:10.1016/j.annonc.2024.10.828. IF: 65,4 Q1 D1	Medical Oncology
Marth C, Moore RG, Bidzinski M, Pignata S, Ayhan A, Rubio MJ, Beiner M, Hall M, Vulsteke C, Braicu EI, Sonoda K, Wu XH, Frentzas S, Mattar A, Lheureux S, Chen XJ, Hasegawa K, Magallanes-Maciel M, Choi CH, Shalkova M, Kaen D, Wang PH, Berger R, Okpara CE, Mckenzie J, Yao LL, Orłowski R, Khemka V, Gilbert L, Makker V. First-Line Lenvatinib Plus Pembrolizumab Versus Chemotherapy for Advanced Endometrial Cancer: A Randomized, Open-Label, Phase III Trial. JOURNAL OF CLINICAL ONCOLOGY. 2025. 1083-1100. DOI:10.1200/JCO-24-01326. IF: 41,9 Q1 D1	Medical Oncology
Poveda A, Lheureux S, Colombo N, Cibula D, Elstrand M, Weberpals J, Bjurberg M, Oaknin A, Sikorska M, González-Martín A, Madry R, Pérez MJR, Ledermann J, Romero I, Özgören O, Barnicle A, Marshall H, Bashir Z, Kof E. Maintenance olaparib monotherapy in patients with platinum-sensitive relapsed ovarian cancer without a germline BRCA1 and/or BRCA2 mutation: Final overall survival results from the OPINION trial. GYNECOLOGIC ONCOLOGY. 2025. 74-82. DOI:10.1016/j.ygyno.2025.04.580. IF: 4,1 Q1 D1	Medical Oncology
Quindós-Varela M, de Prado-Otero DS, Gallego A, García Y, Guerra E, Estévez-García P, Barretina-Ginesta MP, Borraz P, González-Martín A, Rubio MJ. Management and Clinical Outcomes of Patients with Advanced Ovarian Cancer in Routine Clinical Practice in Spain: The OVOC Study. ONCOLOGY AND THERAPY. 2025. 631-648. DOI:10.1007/s40487-025-00347-1. IF: 3,2 Q2 D4	Medical Oncology
del Rey-Vergara R, Galindo-Campos MA, Rocha P, Carpes M, Martínez C, Masfarré L, Menéndez S, Quimis F, Rossell A, Iñañez A, Pérez-Buira S, Rojo F, Gimeno R, Isla D, Zugazagoitia J, Blanco CM, García-Campelo R, Moreno-Vega A, León-Mateos L, Mellén AC, Park KS, Heeke S, Heymach JV, Taus A, Paz-Ares L, Rovira A, Arriola E. MET pathway inhibition increases chemo-immunotherapy efficacy in small cell lung cancer. CELL REPORTS MEDICINE. 2025. -. DOI:10.1016/j.xcrm.2025.102194. IF: 10,6 Q1 D1	Medical Oncology
López IS, Aliaga AV, Sanz-García E. Navigating the challenges of immunotherapy as a neoadjuvant treatment for locally advanced squamous cell carcinoma of the head and neck: A review of the evidence from the literature. CRITICAL REVIEWS IN ONCOLOGY HEMATOLOGY. 2025. -. DOI:10.1016/j.critrevonc.2025.104841. IF: 5,6 Q1 D2	Medical Oncology
Garcia-Donas J, Garrigos L, Lainez N, Santaballa A, Redondo A, Cueva JF, Rubio MJ, Prieto M, Lopez-Guerrero JA, Garcia-Casado Z, Barquin A, Grande E, Alia EG, Sevillano E, Bover I, Grazioso TP, Sanchez-Escribano R, Hurtado A, Navarro P, Rodriguez-Moreno JF. Open-label phase II clinical trial of orteronel (TAK-700) in metastatic or advanced non-resectable granulosa cell ovarian tumors: the Greko II study (GETHI2013-01). CLINICAL & TRANSLATIONAL ONCOLOGY. 2025. 3223-3231. DOI:10.1007/s12094-024-03827-4. IF: 2,5 Q3 D	Medical Oncology
Mirza MR, Bjorge L, Marmé F, Christense RD, Gil-Martin M, Auranen A, Ataseven B, Rubio MJ, Salutari V, Luczak AA, Runnebaum IB, Redondo A, Lindemann K, Trillsc F, Ginesta MPB, Roed H, Kurtz JE, Petersson KS, Nyvang GB, Sehouli J. Palbociclib plus letrozole in estrogen receptor-positive advanced/ recurrent endometrial cancer: Double-blind placebo-controlled randomized phase II ENGOT-EN3/PALEO trial. GYNECOLOGIC ONCOLOGY. 2025. 128-136. DOI:10.1016/j.ygyno.2024.12.003. IF: 4,1 Q1 D1	Medical Oncology

PUBLICATIONS	IMIBIC GROUP
Bikdeli B, Leyva H, Muriel A, Lin ZQ, Piazza G, Khairani CD, Rosovsky RP, Mehdipour G, O'Donoghue ML, Madridano O, Lopez-Saez JB, Mellado M, Brasero AMD, Grandone E, Spagnolo PA, Lu Y, Bertoletti L, López-Jiménez L, Núñez MJ, Blanco-Molina A, Gerhard-Herman M, Goldhaber SZ, Bates SM, Jimenez D, Krumholz HM, Monreal M. Sex differences in treatment strategies for pulmonary embolism in older adults: The SERIOUS-PE study of RIETE participants and US Medicare beneficiaries. VASCULAR MEDICINE. 2025. 58-66. DOI:10.1177/1358863X241292023. IF: 3,3 Q2 D4	Medical Oncology
García-Torres F, García-Carmona M, Gómez-Solís A, Jurado-González F, Jablonski M, Jaén-Moreno MJ, Aranda E. Anxiety, depression, quality of life and the mediating role of psychological flexibility: A study on Spanish cancer patients. SCIENTIFIC REPORTS. 2025. -. DOI:10.1038/s41598-025-06942-6. IF: 3,9 Q1 D2	Medical Oncology
Palacios-Eito A, Moreno-Manzanaro MD, Espinosa-Calvo M, Ginés-Santiago F, Camús-Martínez JA, Calvo-Tudela A, Rioja-Torres P, Romero-Martín S, Miñano-Herrero JA, Sarria GR, García-Cabezas S. IORT for early-stage, low-risk breast cancer: Outcomes from a prospective, observational study. CLINICAL AND TRANSLATIONAL RADIATION ONCOLOGY. 2025. -. DOI:10.1016/j.ctr.2025.100998. IF: 2,7 Q2 D4	Medical Physics and Radiation Protection
Jaen-Moreno MJ, Aloï M, Alcantara-Montesinos A, Jiménez-Peinado A, Camacho-Rodríguez C, Carbone EA, Rania M, Dapelo MM, Sarramea F, Segura-Garcia C, Moreno-Díaz MJ. Bridging Gaps in Obesity Assessment: Spanish Validation of the Eating Behaviors Assessment for Obesity (EBA-O). NUTRIENTS. 2025. -. DOI:10.3390/nu17142344. IF: 5 Q1 D2	Mental Health
Laguna-Muñoz D, Pata MP, Jiménez-Peinado A, Jaén-Moreno MJ, Camacho-Rodríguez C, Pozo GID, Vieta E, Correll CU, Solmi M, Caballero-Villarraso J, Alarcón-Laguna MI, Sarramea F. Mortality from respiratory diseases in individuals with severe mental illness: a large-scale systematic review and meta-analysis of pooled and specific diagnoses. LANCET PSYCHIATRY. 2025. 768-779. DOI: 10.1016/S2215-0366(25)00262-7	Mental Health
Jiménez-Peinado A, Laguna-Muñoz D, Jaén-Moreno MJ, Camacho-Rodríguez C, del Pozo GI, Vieta E, Caballero-Villarraso J, Rico-Villademoros F, Sarramea F. Respiratory disease in people with major depressive disorder: A systematic review and Meta-analysis. EUROPEAN PSYCHIATRY. 2025. -. DOI:10.1192/j.eurpsy.2025.13. IF: 6,7 Q1 D1	Mental Health
Rodríguez-Goncer I, Ruiz-Arabi E, Herrera S, Sabé N, Los-Arcos I, Silva JT, Perez-Nadales E, Machuca I, Alvarez R, Valerio M, Castón JJ, Aguilera V, Bodro M, Cano A, Cantón R, Carmona P, Carratalà J, Cordero E, Cruzado JM, Fariñas MC, Fernández-Ruiz M, Fondevila C, Fortún J, García-Cosío MD, Gutiérrez-Dalmau A, Iturbe D, Justo I, Len O, López-Medrano F, Oliva MOL, Martín-Dávila P, Martínez-Martínez L, Mazuecos A, Mirabet S, Muñoz P, Oliver A, Pérez-Sáez MJ, Rodríguez-Gómez J, San-Juan R, Sánchez-Céspedes J, Solé A, Verdú EV, Villa J, Torre-Cisneros J, Aguado JM. Management of multidrug-resistant gram-negative bacilli infections in adult solid organ transplant recipients: GESITRA-IC/SEIMC, CIBERINFEC, and SET recommendations update.. TRANSPLANTATION REVIEWS. 2025. -. DOI:10.1016/j.trre.2025.100937. IF: 2,5 Q2 D4	Microbiology
Muñoz-Rosa M, Elías-López C, Pedraza R, Riazzo C, Arjona-Torres C, Machuca I, Tejero-García R, Torre-Cisneros J, Martínez-Martínez L. In Vitro Activity of Delafloxacin Against Corynebacterium spp.. ANTIBIOTICS-BASEL. 2025. -. DOI:10.3390/antibiotics141100973. IF: 4,6 Q1 D2	Microbiology
Cordero-García C, de Torres I, Formigo-Couceiro J, Guirao L, Romero-Torres MD, Otero-Villaverde S, Herrera A, Santa C, Mena-Rodríguez A. Delphi Consensus on the Management of Spanish Patients with Post-Stroke Hemiplegic Shoulder Pain Treated with Botulinum Toxin A: Result Study. TOXINS. 2025. -. DOI:10.3390/toxins17010040. IF: 4 Q1 D3	Musculoskeletal System
Pérez-Bonilla M, Borrego PD, Mora-Ortiz M, Fernández-Baillo R, Muñoz-Alcaraz MN, Mayordomo-Riera FJ, López EG. Relationship Between Voice Analysis and Functional Status in Patients with Amyotrophic Lateral Sclerosis. AUDIOLOGY RESEARCH. 2025. -. DOI:10.3390/audiolres15030053. IF: 1,8 Q2 D5	Musculoskeletal System
Huelva-López M, Ciudad-Montejo M, Novillo-Sarmiento CF, Moyano-Peregrín C, García-Montemayor VE, Ojeda-López R, Agüera-Morales ML, Rodríguez-Benot A. Sensitization on Hemodialysis After Renal Graft Failure: HLA Incompatibility Still Matters. TRANSPLANTATION PROCEEDINGS. 2025. 27-29. DOI:10.1016/j.transproceed.2024.11.032. IF: 0,8 Q3 D	Nephrology

PUBLICATIONS	IMIBIC GROUP
García-Garmendia JL, Trenado-alvarez J, Gordo-Vidal F, Gordillo-Escobar E, Martinez-Barrios E, Onieva-Calero F, Sagredo-Meneses V, Rodríguez-Ruiz E, Bohollo-de-Austria RA, Moreno-Quintana J, Ruiz-García MI, Garnacho-Montero J. Did intubation procedures for critically ill patients without SARS-CoV-2 infection change during the pandemic? Secondary analysis of the INTUPROS multicenter study. MEDICINA INTENSIVA. 2025. -. DOI:10.1016/j.medin.2024.502122. IF: 3,1 Q2 D3	Nephrology
Ortiz A, Kramer A, Ariceta G, Arevalo OLR, Gjerstad AC, Santiuste C, Trujillo-Aleman S, Ferraro PM, Methven S, Santamaria R, Naumovic R, Resic H, Hommel K, Segelmark M, Ambuehl PM, Sorensen SS, Parmentier C, Vidal E, Bakkaloglu SA, Plumb L, Palsson R, Kerschbaum J, ten Dam MAGJ, Stel VS, Jager KJ, Torra R. Inherited kidney disease and CAKUT are common causes of kidney failure requiring kidney replacement therapy: an ERA Registry study. NEPHROLOGY DIALYSIS TRANSPLANTATION. 2025. 1020-1031. DOI:10.1093/ndt/gfae240. IF: 5,6 Q1 D1	Nephrology
Novillo C, García-Saez RM, Sánchez-Molina L, Rodelo-Haad C, Carmona A, Pinaglia-Tobaruela G, Membrives-González C, Jurado D, Santamaria R, Muñoz-Castañeda JR, Martín-Malo A, Rodríguez M, Soriano S, Pendon-RuizdeMier V. The Phosphate/Urea Nitrogen Ratio in Urine-A Method to Assess the Relative Intake of Inorganic Phosphate. NUTRIENTS. 2025. -. DOI:10.3390/nu17213323. IF: 5 Q1 D2	Nephrology
Novillo-Sarmiento C, García-Sáez RM, Rivas-Domínguez A, Torralba-Duque A, Rodelo-Haad C, Rodríguez-Ortiz ME, Muñoz-Castañeda JR, de Mier MVPR. Phosphate and Inflammation in Health and Kidney Disease. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms27010408. IF: 4,9 Q1 D3	Nephrology
Rodríguez-Ortiz ME, Díaz-Tocados JM, Torralbo AI, Valdés-Díaz K, Rivas-Domínguez A, Guerrero F, Reina-Alfonso I, Naves-Díaz M, Alonso-Montes C, Rodelo-Haad C, Rodríguez M, Muñoz-Castañeda JR. Impact of elevated sclerostin levels on bone resorption unravelling structural changes and mineral metabolism disruption. BONE & JOINT RESEARCH. 2025. 448-462. DOI:10.1302/2046-3758.145.BJR-2024-0227.R1. IF: 5,1 Q1 D1	Nephrology
Caballero-Villarraso J, Pons-Villarta S, Cruces-Párraga J, Navarrete-Pérez A, Camargo A, Moreno JA, Túnez I, Agüera-Morales E. Molecular Mechanisms of the Microbiota-Gut-Brain Axis in the Onset and Progression of Stroke. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2025. -. DOI:10.3390/ijms262010071. IF: 4,9 Q1 D3	Neurology
Yamamoto T, Chez M, Campos D, Lattanzi S, Matricardi S, Estevez-María JC, D'Souza W, Trinkka E, Cappucci S, Villanueva V. Effectiveness and safety of perampanel by concomitant antiseizure medications: Insights from the real-world PERMIT Extension study. EPILEPSY & BEHAVIOR. 2025. -. DOI:10.1016/j.yebeh.2025.110651. IF: 2,3 Q2 D4	Neurology
Acebrón F, Valverde R. SEGUICTUS Study: Management and follow-up of patients with stroke in Spain. NEUROLOGIA. 2025. 456-467. DOI:10.1016/j.nrl.2023.01.003. IF: 3,1 Q2 D4	Neurology
Garrido DT, Moreno MVG, Rodelo-Haad C, Puertas PIC, Cabrera SS, González MDA. Peritoneal scintigraphy and spect/tc in the diagnosis of leaks in patients on peritoneal dialysis. REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR. 2025. -. DOI:10.1016/j.remna.2024.500067. IF: 1 Q4 D	Nuclear Medicine
Prados-Carmona JJ, Arias-Alcalá M, Prados-Carmona A, Herrador-Montiel MA, Hernando-Molina M, Giménez-Almenara-Amo J. Corneal incision contracture: literature review and report of a novel therapeutic strategy using intrastromal corneal ring segments. INTERNATIONAL OPHTHALMOLOGY. 2025. -. DOI:10.1007/s10792-025-03551-0. IF: 1,4 Q3 D	Ophthalmology
Pérez-Perdomo M, González-Lopez A, Ortega-Llamas L, Alba-Molina D, Blanco-Blanco M, Granados MD, Guerrero-Moreno A, Pflugfelder SC, Ullmer C, Fauser S, Jiménez-Gómez Y, González-Andrades M. Identification of a translatable animal model for dry eye disease using comparative analysis of tear proteins across species. OCULAR SURFACE. 2025. 260-272. DOI:10.1016/j.jtos.2025.05.004. IF: 5,6 Q1 D1	Ophthalmology
Cano-Ortiz A, Sánchez-Ventosa A, González-Cruces T, Villalba-González M, Aguilar-Salazar FJ, Prados-Carmona JJ, Díaz-Mesa V, Villarrubia A. Clinical Performance and Optical Quality of a Non-Diffractive Extended-Depth-of-Focus Intraocular Lens in Patients Undergoing Cataract Surgery or Refractive Lensectomy. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14113717. IF: 2,9 Q1 D2	Ophthalmology

PUBLICATIONS	IMIBIC GROUP
Cano-Ortiz A, Sánchez-Ventosa A, González-Cruces T, Villalva-González M, Prados-Carmona JJ, Castillo-Eslava R, Sanchez-Tena MA, Alvarez-Peregrina C, Villarrubia-Cuadrado A. Objective Rotational Analysis of EVO Toric ICLs Using Infrared Retinal Retroillumination Imaging. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14092895. IF: 2,9 Q1 D2	Ophthalmology
Cano-Ortiz A, Sánchez-Ventosa A, González-Cruces T, Villalba-González M, Aguilar-Salazar FJ, Prados-Carmona JJ, Carpena-Torres C, Carracedo G, Villarrubia A. Visual Quality and Symptomatology Following Implantation of a Non-Diffractive Extended Depth-of-Focus Intraocular Lens. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14134460. IF: 2,9 Q1 D2	Ophthalmology
Sánchez-León AM, Ladehesa-Pineda ML, Puche-Larrubia MA, Abalos-Aguilera MC, Ruiz-Vilchez D, Escudero-Contreras A, Collantes-Estévez E, Collantes-Sánchez CM, López-Medina C. Uveitis in Longstanding Axial Spondyloarthritis and Its Association with Biologic Therapy Initiation: Data from the REGISPON-3 Cohort. JOURNAL OF CLINICAL MEDICINE. 2025. -. DOI:10.3390/jcm14197128. IF: 2,9 Q1 D2	Ophthalmology
Reyes-Medina MJ, Canton-Habas V, Sánchez-Jiménez FJ, Molina-Hurtado E, Carrera-González MD. New approach to optimize therapy in type 2 diabetes mellitus: the importance of subclassification. FRONTIERS IN ENDOCRINOLOGY. 2025. -. DOI:10.3389/fendo.2025.1710511. IF: 4,6 Q1 D3	Orthopaedic Surgery and Traumatology
Camacho-Sanchez MR, Calzado-Alvarez I, Minarro JC, Dussan-Arango DM, López-Medina C, Izquierdo-Fernandez A. Arthroscopic Repair Versus Conservative Treatment in Degenerative Cuff Tears: Midterm Results. LIFE-BASEL. 2025. -. DOI:10.3390/life15081254. IF: 3,4 Q1 D3	Orthopaedic Surgery and Traumatology
Calzado-Alvarez I, Camacho-Sanchez MR, Carpintero-Lluch R, Muñoz-Luna F, Lopez-Medina C, Minarro JC, Izquierdo-Fernandez A. Comparison of Ligament Z-Plasty and Conventional Surgery for the Treatment of Carpal Tunnel Syndrome: A Randomized Clinical Trial. PLASTIC AND RECONSTRUCTIVE SURGERY. 2025. 514-521. DOI:10.1097/PRS.00000000000011677. IF: 3,4 Q1 D2	Orthopaedic Surgery and Traumatology
Segura-Ruiz R, Ruiz-Cañete M, Muñoz-Alonso A, Rivas-Cruces C, Serrano-Lázaro P, Armenteros-Ortiz PJ, Hidalgo-Lopezosa P, Lamberti N, Manfredini F, López-Soto PJ. Effectiveness of a home-based physical exercise intervention in patients with fragility fractures on functional independence and hospital readmissions: a protocol for a randomised controlled trial. BMJ OPEN. 2025. -. DOI:10.1136/bmjopen-2025-101342. IF: 2,3 Q2 D3	Orthopaedic Surgery and Traumatology
González-Cuello CL, Bosco G, Navarro-Mediano RA, Molina MGC, Scarcella A, Plaza-Mayor G. PALABRAS CLAVE: apnea obstructiva del sueño; obesidad; fármacos antiobesidad; tirzepatida; liraglutida. REVISTA ORL. 2025. 227-241. DOI:10.14201/orl.33510. IF: 0,2 Q4 D	Otorhinolaryngo-logy
Maza-Solano J, Aguilar-Cantador J, NogueroI-Pérez MD, Sánchez-Torices MS, Martínez-Martínez MJ, Gámiz-Maroto MJ. Real-world outcomes on quality of life improvement in patients with nasal polyposis treated with mepolizumab. RINOSUR study. ACTA OTORRINOLARINGOLOGICA ESPANOLA. 2025. 58-64. DOI:10.1016/j.otorri.2024.08.001. IF: 1,1 Q3 D	Otorhinolaryngo-logy
Girón-Vallejo O, Garcia-Núñez B, Narbona-Arias I, Siles-Hinojosa A, Murcia-Pascual FJ, Azzubi M, Gorriti I, Garcia-Calderon D, Piñero-Madrona A, Krauel L. Clinical Impact of Patient-Specific 3D Models in Neonatal Surgery: A Case-Based Review of Applications and Future Directions. CHILDREN-BASEL. 2025. -. DOI:10.3390/children12091202. IF: 2,1 Q2 D4	Paediatric Surgery
Cayon JG, Berenguer MDS, Alfonso JCM, Pérez SD, Junco PT, Gutiérrez JCL. Diagnosis and Initial Tratment of Gorham-stout’s Disease. JOURNAL OF PEDIATRIC GENETICS. 2025. -. DOI:10.53391/2146-460X.1014. IF: 0,4 Q4 D	Paediatric Surgery
Wiesner SR, Ramnarine SD, Escassi A, Vargas V, Paredes R, Parente A. Retrospective study between duration of postoperative urinary diversion and incidence of complications in the repair of hypospadias in children. AME MEDICAL JOURNAL. 2025. -. DOI:10.21037/amj-23-161. IF: 0,5 Q3 D	Paediatric Surgery
Marín LH, Machado AMS, Ramos MC, Torres-Borrego J. Drug-induced enterocolitis, a new condition under consideration. ALLERGOLOGIA ET IMMUNOPATHOLOGIA. 2025. 123-125. DOI:10.15586/aei.v53i1.1202. IF: 2,1 Q3 D	Paediatrics
Plaza-Astasio V, Pastor-Villaescusa B, Rico-Prados MC, Mesa-García MD, Párraga-Quiles MJ, Ruiz-González MD, Jaraba-Caballero P, Tofé-Valera I, de la Torre-Aguilar MJ, Ordóñez-Díaz MD. Preventing Sepsis in Preterm Infants with Bovine Lactoferrin: A Randomized Trial Exploring Immune and Antioxidant Effects. NUTRIENTS. 2025. -. DOI:10.3390/nu17193154. IF: 5 Q1 D2	Paediatrics

PUBLICATIONS	IMIBIC GROUP
Prieto-Berchez G, González-Campillo MT, Vicente-Rueda J, López-Laso E. Mineralizing angiopathy: A cause of arterial ischemic stroke in early childhood after mild head trauma. NEUROLOGIA. 2025. 468-472. DOI:10.1016/j.nrl.2024.05.001. IF: 3,1 Q2 D4	Paediatrics
Palomino-Fernandez L, Villarejo-Perez A, Fernandez-Fuentes C, Sanchez-Codez MI, Leon ND, Gallego-Gutierrez S, Peromingo-Matute E, Carazo-Gallego B, Lopez-Laso E, Cano-Cabrera M, Falcon-Neyra L, Neth O, Ruiz-Saez B. Could Intravenous Immunoglobulin Be an Alternative Therapy for Treating Infant Botulism in Areas Where Human Botulism Immunoglobulin Is Not Easily Available?: Our Experience in Andalusia, Spain. PEDIATRIC INFECTIOUS DISEASE JOURNAL. 2025. e193-e198. DOI:10.1097/INF.0000000000004727. IF: 2,2 Q2 D3	Paediatrics
Comino-Monroy MJ, Jurado-Castro JM, Gil-Campos M, Alarcon-Roldan MA, Castro-Collado C, Luque B, Vivas S, Flores-Rojas K. Implementation of a grupal intervention program for the treatment of obesity in children: PinPO. TRIALS. 2025. -. DOI:10.1186/s13063-025-08908-5. IF: 2 Q3 D	Paediatrics
Vazquez-Lopez P, Rivas-Garcia A, Luaces-Cubells C, Perez-Gonzalez E, Ales-Palmer ML, Cahis-Vela N, Lera-Carballo E, Solano-Navarro C, Romero-Castillo E, Torres-Begara EP, Sanchez-Alvarez MJ, Benito-Fernandez J, Sanz-Rueda L, Garcia-Herrero MA, Henares-Rodriguez A, Yañez-Mesia S, de Francisco-Profumo A, Martinez-Mejias A, May-Llanas ME, Mesa-Garcia S, Aranda-Mora A, Baquero-Gomez C, de la Rosa-Sanchez D, de Ceano-Vivas M, Espí MD, Oliva-Rodriguez-Pastor S, Guerra-Diez JL, Pons-Morales S, Gomez-Carabaza A, Campos-Calleja C, Torres-Torres AR. Changes in Care in Spanish Pediatric Emergency Departments After the First Immunization With Nirsevimab. PEDIATRIC EMERGENCY CARE. 2025. 365-371. DOI:10.1097/PEC.0000000000003339. IF: 1,2 Q3 D	Paediatrics
Moreno-Pérez D, Korobova A, Croche-Santander FD, Córdón-Martínez A, Díaz-Morales O, Martínez-Campos L, Pérez-González E, Martínez-Padilla MD, Santos-Pérez JL, Brioso-Galiana J, Sánchez-Códez MI, Del Diego-Salas J, Rivera-Izquierdo M, Lorusso N. Nirsevimab Prophylaxis for Reduction of Respiratory Syncytial Virus Complications in Hospitalised Infants: The Multi-Centre Study During the 2023-2024 Season in Andalusia, Spain (NIRSEGRAND). VACCINES. 2025. -. DOI:10.3390/vaccines13020175. IF: 3,4 Q2 D4	Paediatrics
Vega-Rojas A, Haro C, Molina-Abril H, Guil-Luna S, Santos-Marcos JA, Gutierrez-Mariscal FM, Garcia-Fernandez H, Caballero-Villarraso J, Rodriguez-Ariza A, Lopez-Miranda J, Perez-Martinez P, Hervas A, Camargo A. Gut Microbiota Interacts with Dietary Habits in Screenings for Early Detection of Colorectal Cancer. NUTRIENTS. 2025. -. DOI:10.3390/nu17010084. IF: 5 Q1 D2	Pathology
Rivera-Ruiz I, Ungar B, Dávila-Flores V, Gay-Mimbrera J, Gómez-Arias PJ, Juan-Cencerrado M, Mochón-Jiménez C, Parra-Peralbo E, Isla-Tejera B, López TLV, Guttman-Yassky E, Ruano J. Unravelling the transcriptomic landscape of primary lymphocytic scarring alopecias: systematic review and meta-analysis. FRONTIERS IN IMMUNOLOGY. 2025. -. DOI:10.3389/fimmu.2025.1651019. IF: 5,9 Q1 D2	Pathology
Leiva-Cepas F, García-Caballero C, Osuna-Soto J, Vallejo-Mudarra M, Burón MI, González-Reyes JA, Villalba JM, Moreno JA. Experience of Biology Degree students in the recognition of tissue alterations in human histopathological samples. REVISTA ESPANOLA DE PATOLOGIA. 2025. -. DOI:10.1016/j.patol.2024.100794. IF: 0,5 Q4 D	Pathology
Camara-Pérez J, Lucena CC, Negreiros JCZ. Sexual-Esteem and Body-Esteem Perception After Breast Reconstruction According to the Surgical Technique. INDIAN JOURNAL OF SURGERY. 2025. 689-694. DOI:10.1007/s12262-024-04258-9. IF: 0,4 Q4 D	Plastic Surgery
Flores ABG, Ruiz-Montero R, Onieva-García MA, Batista-Duharte A, Cabrera EL, Allam MF, Salcedo I. Safety Profile of the 4CMenB (Bexsero®) Vaccine: A Systematic Review and Meta-Analysis of Adverse Events in Clinical Trials. VACCINES. 2025. -. DOI:10.3390/vaccines13101030. IF: 3,4 Q2 D4	Preventive Medicine
Rivera EG, Romero CA, Montero RR, Moyano JLL, Allam MF, Ortiz AS, Leal IS. INCIDENCE OF TUBERCULOSIS IN THE CITY OF CORDOBA AND ITS RELATIONSHIP WITH AREAS IN NEED OF SOCIAL TRANSFORMATION: A STUDY FROM 2015 TO 2021. CENTRAL EUROPEAN JOURNAL OF PUBLIC HEALTH. 2025. 88-94. DOI:10.21101/cejph.a8452. IF: 0,9 Q4 D	Preventive Medicine
Aguilar-Romero C, Benítez-Hidalgo V, Ruiz-Pérez I, Amaya-Santos S, Pastor-Moreno G. Breast Cancer Screening Rates Among Patients With Severe Mental Disorders (Schizophrenia, Bipolar Disorder, and Major Depressive Disorder). Systematic Literature Review and Meta-Analysis. PSYCHO-ONCOLOGY. 2025. -. DOI:10.1002/pon.70314. IF: 3,5 Q1 D2	Preventive Medicine

PUBLICATIONS	IMIBIC GROUP
Dimitrova E, Martínez AC, García EMG, Cepeda PV, Santos-Ribeiro C. Reflections and proposals from the feminine to the feminist: I Conference on Leadership in Public Health, ARES-MPSP. REVISTA ESPANOLA DE SALUD PUBLICA. 2025. -. DOI:. IF: 0,8 Q4 D	Preventive Medicine
Castillo-Correa M, Montalbán-Hernández C, Navarro-Hortal MD, Peña-Guzmán D, Badillo-Carrasco A, Varela-López A, Hinojosa-Nogueira D, Márquez JMR. Exploring the Influence of Extraction Methods, Solvents, and Temperature on Total Phenolic Recovery and Antioxidant Capacity in Olive Leaf Extracts: A Systematic Review with Quantitative Synthesis. SEPARATIONS. 2025. -. DOI:10.3390/separations12090236. IF: 2,7 Q3 D	Primary Care
Navajas-Porras B, Castillo-Correa M, Navarro-Hortal MD, Montalbán-Hernández C, Peña-Guzmán D, Hinojosa-Nogueira D, Romero-Márquez JM. The Valorization of Coffee By-Products and Waste Through the Use of Green Extraction Techniques: A Bibliometric Analysis. APPLIED SCIENCES-BASEL. 2025. -. DOI:10.3390/app15031505. IF: 2,5 Q2 D3	Primary Care
Perez-Jimenez M, Ucles-Torrente MD, Ruiz-Gamarra GE, Vaquero-Alvarez M, Blancas-Sánchez IM, Aparicio-Martinez P, Vaquero-Abellán M. Social Media Consumption and Risk of Addiction Associated with Adolescent Disordered Eating Behaviour: An Observational Analysis. NUTRIENTS. 2025. -. DOI:10.3390/nu17183017. IF: 5 Q1 D2	Primary Care
Muñoz-Alonso A, Romero-Saldaña M, Rodríguez-Cortés FJ, Rodríguez-Garriguet C, Carretero-Serrrano M, Rivas-Cruces C, Tovar-Gálvez MI, López-Soto PJ. Adaptation and validation of the adolescent sleep hygiene scale for Spanish-speaking populations. SLEEP MEDICINE. 2025. -. DOI:10.1016/j.sleep.2025.106685. IF: 3,4 Q2 D3	Primary Care
Entrenas-Castillo M, Entrenas-Costa LM, Pata MP, Gamez BJ, Muñoz-Coroto C, Gómez-Rebollo C, Mira-Padilla E, Bouillon R, Quesada-Gomez JM. Latent Class Analysis Reveals, in patient profiles, COVID-19-related better prognosis by calcifediol treatment than glucocorticoids. JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY. 2025. -. DOI:10.1016/j.jsbmb.2024.106609. IF: 2,5 Q3 D	Pulmonology
Marin JM, Soriano JB, Marin-Oto M, De-Torres JP, Seijo LM, Cabrera C, Solanes I, Martinez C, Toledo-Pons N, Feu N, Amado C, Vigil L, Celli BR, Casanova C. Sleep-disordered Breathing in Patients with Chronic Obstructive Pulmonary Disease: Prevalence and Outcomes. ANNALS OF THE AMERICAN THORACIC SOCIETY. 2025. 1227-1235. DOI:10.1513/AnnalsATS.202501-030OC. IF: 5,4 Q1 D2	Pulmonology
Navarro L, Perez-Bartivas L, Ponferrada D, Cejas J, Camús JA, Rangel N, Porras M, Estevez CM, Eito AP, Rioja P, Alvarez M, Aranda E, de la Haba-Rodríguez. Prioritizing breast cancer surgeries: insights from the KRONOS SCORE. FRONTIERS IN ONCOLOGY. 2025. -. DOI:10.3389/fonc.2024.1465154. IF: 3,3 Q2 D4	Radiation Oncology
Najjari-Jamal D, Rovirosa A, Gimeno-Morales M, Majercakova K, Sánchez M, Garcia S, Guevara D, Muñoz T, de la Fuente C, Micó S, Stefanovic M, Matute R, Córdoba S. Reirradiation Practice in Gynecological Cancer: Insights from a National Survey in Spain. CLINICAL & TRANSLATIONAL ONCOLOGY. 2025. 2494-2501. DOI:10.1007/s12094-024-03804-x. IF: 2,5 Q3 D	Radiation Oncology
Palacios-Eito A, Moreno-Manzanaro MD, Espinosa-Calvo M, Ginés-Santiago F, Camús-Martínez JA, Calvo-Tudela A, Rioja-Torres P, Romero-Martín S, Miñano-Herrero JA, Sarria GR, García-Cabezas S. IORT for early-stage, low-risk breast cancer: Outcomes from a prospective, observational study. CLINICAL AND TRANSLATIONAL RADIATION ONCOLOGY. 2025. -. DOI:10.1016/j.ctro.2025.100998. IF: 2,7 Q2 D4	Radiation Oncology
Jiménez-Jiménez AB, Muñoz-Paz J, Ladera-Santos D, Heredia-Torres A, Caballero-Villarraso J, Mayordomo-Riera F. Case Report: Onset of Takotsubo syndrome during a heart rehabilitation session. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2025. -. DOI:10.3389/fcvm.2025.1560087. IF: 2,9 Q2 D4	Rehabilitation
Pérez-Bonilla M, Borrego PD, Mora-Ortiz M, Fernández-Baillo R, Muñoz-Alcaraz MN, Mayordomo-Riera FJ, López EG. Relationship Between Voice Analysis and Functional Status in Patients with Amyotrophic Lateral Sclerosis. AUDIOLOGY RESEARCH. 2025. -. DOI:10.3390/audiolres15030053. IF: 1,8 Q2 D5	Rehabilitation
Muñoz-Paz J, Piaggio-Muente FL, Acosta-Salvador S, Gómez-Flores DA, Jiménez-Jiménez AB, Muñoz-Alcaraz MN, Mayordomo-Riera FJ. Calcifying Tendinopathy of the Rotator Cuff: Barbotage vs. Shock Waves: Controlled Clinical Trial Protocol (BOTCH). HEALTHCARE. 2025. -. DOI:10.3390/healthcare13010014. IF: 2,7 Q2 D4	Rehabilitation

PUBLICATIONS	IMIBIC GROUP
Jiménez-Jiménez AB, Gámez-Centeno E, Muñoz-Paz J, Muñoz-Alcaraz MN, Mayordomo-Riera FJ. The Effects of the Schroth Method on the Cobb Angle, Angle of Trunk Rotation, Pulmonary Function, and Health-Related Quality of Life in Adolescent Idiopathic Scoliosis: A Narrative Review. HEALTHCARE. 2025. -. DOI:10.3390/healthcare13202631. IF: 2,7 Q2 D4	Rehabilitation
Muñoz-Paz J, Jiménez-Jiménez AB, Espinosa-Rueda F, Wahab-Albañil A, Muñoz-Alcaraz MN, Peña-Amaro J, Mayordomo-Riera FJ. Effects of Hydrodilatation at Different Volumes on Adhesive Capsulitis in Phases 1 and 2: Clinical Trial Protocol HYCAFVOL. CLINICS AND PRACTICE. 2025. -. DOI:10.3390/clinpract15080141. IF: 2,2 Q2 D3	Rehabilitation
Muñoz-Paz J, Jiménez-Jiménez AB, Hidalgo-Jorge A, Muñoz-Alcaraz MN, Peña-Amaro J, Mayordomo-Riera FJ. Impact of Corticosteroids in Suprascapular Nerve Block on Pain and Function in Chronic Rotator Cuff Disease: A Retrospective, Observational, Longitudinal, Analytical Cohort Study. MEDICAL SCIENCES. 2025. -. DOI:10.3390/medsci13040252. IF: 4,4 Q1 D2	Rehabilitation
Dans-Caballero S, Juan-Cencerrado M, Mochón-Jiménez C, Roldán-Molina R, Pérez-Guijo VC. Juvenile Dermatomyositis Triggered by Influenza B: A Case Report on Viral-Induced Autoimmunity. PEDIATRIC DERMATOLOGY. 2025. 1255-1258. DOI:10.1111/pde.15975. IF: 1,2 Q3 D	Rheumatology
Dans-Caballero S, Ortega-Castro R, López-Pedrerá C, Escudero-Contreras A, Vellón-García B, Pérez-Sánchez C, López-Medina C. Systemic sclerosis: bridging clinical and molecular insights: results from the PRECISESADS study. JOURNAL OF TRANSLATIONAL MEDICINE. 2025. -. DOI:10.1186/s12967-025-07469-0. IF: 5,7 Q1 D2	Rheumatology
Moldovan DMM, Aranda-Valera IC, Ladehesa-Pineda L, Abalos-Aguilera MC, Puche-Larrubia MA, Escudero-Contreras A, González-Navas C, Garrido-Castro JL, Fodor D, Collantes-Estévez E, López-Medina C. The association of cervical and lumbar mobility with functional ability in axial spondyloarthritis: Insights from the CASTRO registry using Inertial Measurement Unit system. SEMINARS IN ARTHRITIS AND RHEUMATISM. 2025. -. DOI:10.1016/j.semarthrit.2025.152703. IF: 4,4 Q1 D2	Rheumatology
Dans-Caballero S, Cecchi I, Radin M, Sciascia S. JAK inhibitors for the management of rheumatic diseases when antiphospholipid syndrome co-exists: case-based safety considerations. LUPUS. 2025. 852-857. DOI:10.1177/09612033251344180. IF: 1,9 Q3 D	Rheumatology
Salmoral A, Peris P, Medina CL, Flórez H, Barceló M, Pastor MP, Ros I, Grados D, Aguado P, García S, López L, Gifre L, Cerdá D, Aguilar FJ, Panero B, Costa E, Casado E, Hernández B, Ferrer AM, Graña J, Gómez I, Guañabens N, Spanish Soc Rheumatology. Bisphosphonate drug holidays in osteoporosis according to fracture risk profile. OSTEOPOROSIS INTERNATIONAL. 2025. 245-254. DOI:10.1007/s00198-024-07309-9. IF: 5,4 Q1 D2	Rheumatology
González AMF, Lorenzo NM, Huertos BC, Del Río MC, García FJG, Kindelan AA. Mucormycosis Infection in Lung Transplant Patients: Experience in Andalusia, Spain. TRANSPLANTATION PROCEEDINGS. 2025. 70-72. DOI:10.1016/j.transproceed.2024.11.030. IF: 0,8 Q3 D	Thoracic Surgery
Pérez M, Lozano JJ, Ingelmo-Torres M, Domenech M, Ramon CF, Witjes JA, van der Heijden AG, Requena MJ, Coy A, Calderon R, Mellado B, Alcaraz A, Vilaseca A, Ribal MJ. Biomarker-Based Nomogram to Predict Neoadjuvant Chemotherapy Response in Muscle-Invasive Bladder Cancer. BIOMEDICINES. 2025. -. DOI:10.3390/biomedicines13030740. IF: 3,9 Q2 D4	Urology
Montero-Pérez FJ, Bajo-Fernández I, del Castillo JG, Burillo-Putze G, Fernández C, Aguiló S, Alquézar-Arbé A, Jacob J, Llorens P, Ungerer OJT, Eiroa-Hernández P, Parra-Esquivel P, Pineda MCS, Grinspan MR, Palacios MFP, Tejera MG, Garcia MB, Benito MV, Llopis F, Martos RM, Gallardo VT, Hernández RJG, García JP, Aguilera CL, Pulfer MD, Rodríguez ME, Vela MI, Romero MR, Gimenez AM, Miró O. Admission rates and outcomes of elderly patients in emergency department observation units. A Spanish multicentre study. SIGNA VITAE. 2025. 80-91. DOI:10.22514/sv.2025.146. IF: 0,6 Q4 D	Valle de los Pedroches Hospital Emergency Department

15.2 THESES DEFENDED IN 2025

PHD STUDENT	TITLE OF THE THESIS	IMIBIC GROUP
María del Sol Arenas de Larriva	Discovery of diagnostic biomarkers for lung cancer in non-invasive samples using next-generation proteomics	GA03 Pneumology
Pedro Blas García Jurado	Evaluation of Clinical Engagement in Vascular and Interventional Radiology and its Influence on Patient Experience	GA08 Radiology
Beatriz Gros Alcalde	DETECTION OF HELICOBACTER STRAINS IN PATIENTS WITH BILIARY TRACT NEOPLASIA	GC02 Liver and digestive diseases
Alejandra Méndez Natera	Bacterial load as risk factor for colonization, infection and mortality by carbapenemase-producing Klebsiella pneumoniae (Klebcom study)	GC03 Infectious Diseases
Elisa Ruiz Arabi	“Refining the cut-off point of QuantiFERON-CMV: The Quanti-CMV study enhances the technique’s predictive capacity in seropositive kidney and lung transplant recipients”	GC03 Infectious Diseases
Irene Calzado Alvarez de Lara	Comparison of two techniques for the treatment of carpal tunnel syndrome. A randomized clinical trial	GC05 Systemic and chronic inflammatory autoimmune diseases of the locomotor system and connective tissue
Marta Entrenas Castillo	ROLE OF CALCIFEDIOL IN THE TREATMENT OF RESPIRATORY COMPLICATIONS OF SARS-CoV-2 INFECTION	GC06 New Therapies in Cancer; GA03 Pneumology
María Trinidad Moreno Montilla	Splicing alterations in rare tumors and telomerase system in pancreatic cancer	GC08 Hormones and Cancer
Alejandro Villasanta González	INTERCONNECTION BETWEEN DIET AND CHRONIC DISEASE RISK THROUGH FATTY ACID METABOLISM	GC09 Nutrigenomics. Metabolic Syndrome
Helena María García Fernández	The role of the gut microbiota in sex-specific differences in the development of cardiovascular disease	GC09 Nutrigenomics. Metabolic Syndrome
Elvira Rodríguez Vázquez	“Analysis of novel mechanisms in the metabolic control of puberty: Role of endoplasmic reticulum stress phenomena and brain lipid signaling”	GC10 Hormonal Regulation of Energy Balance, Puberty and Reproduction
Juan Fernández Cabeza	DIFFERENCES IN CARDIAC STRUCTURE AND FUNCTION PARAMETERS MEASURED BY ECHOCARDIOGRAPHY IN A POPULATION OF OBESE CHILDREN	GC15 Cardiovascular Diseases
Manuel Durán Martínez	Implementation of a laparoscopic bile duct exploration surgery programme: Biliary Surgery 2.0	GC18 Translational Research in Surgery of Solid Organ Transplantation

PHD STUDENT	TITLE OF THE THESIS	IMIBIC GROUP
María Casares Jiménez	Study on Orthohepevirus C as an emerging viral agent in Europe	GC26 Clinical virology and zoonosis
Maria Loreta Libero	Protective Effects of Garlic Extracts on the Genitourinary System	GC27 OncObesity and Metabolism
Juan Cámara Pérez	Breast periprosthetic capsular contracture. Histological study and role of myofibroblasts	GC28 Neuroplasticity and Oxidative Stress
Pedro Jesús Gómez Arias	The Impact of Scalp Microbiome Imbalance on Disease Severity, Inflammatory Markers, and Post-Treatment Changes in Patients with Alopecia Areata	GC29 Inflammatory immune-mediated cutaneous diseases
Anna Crepaldi	PREVENTION OF PERIPHERAL VASCULAR DISEASE COMPLICATIONS IN CHRONIC KIDNEY DISEASE PATIENTS THROUGH A SUSTAINABLE MODEL OF INTERVENTION AND ASSESSMENT	GC31 Comprehesive Nursing Care. Multidisciplinary Perspective
Jose Manuel Jiménez Pastor	Interaction between clock genes and the environment in patients with severe trauma admitted to the intensive care unit	GC31 Comprehesive Nursing Care. Multidisciplinary Perspective
Juan Manuel Rubio Galisteo	TELOMERE BIOLOGY FOR DIAGNOSIS AND PROGNOSIS OF PROSTATE CANCER	GE05 Genitourinary diseases
Cristina García Caballero	Role of NADPH oxidase in tissue damage associated with haemoprotein accumulation	GE06 Pathophysiology of renal and vascular damage
Esther Navarrete Martínez	“SPANISH VALIDATION OF THE BERLIN QUESTIONNAIRE IN PRIMARY CARE AS A SCREENING FOR THE DETECTION OF OBSTRUCTIVE SLEEP APNEA IN PATIENTS 40 YEARS OR OLDER”	GE10 Clinical and Epidemiological Research in Primary Care (GICEAP)
María Victoria López Ruiz	Evaluate GPS (Evaluate and Apply Health Promotion Practice Guides): Implementation evaluation project the NICE NG44 guide	GE10 Clinical and Epidemiological Research in Primary Care (GICEAP)
Celia Pérula Jiménez	Evaluation of Clinical Engagement in Vascular and Interventional Radiology and its Influence on Patient Experience	GE10 Clinical and Epidemiological Research in Primary Care (GICEAP)
Luz Marina Sánchez Mendoza	Anti-aging interventions associated with NAD+ preservation in mouse models: Sexual dimorphism and tissue specificity.	BIO-276 Biomembranes, Antioxidants and Oxidative Stress
Rafael Ruiz Montero	Epidemiology of invasive meningococcal disease, economic evaluation of 4CMenB vaccine introduction and coverage in high-risk groups in Andalusia	CTS-637 Forensic Medicine

The highlighted theses have been awarded an international mention.

