

SCIENTIFIC REPORT



INDEX

1. DIRECTOR’S FOREWORD TO THE SCIENTIFIC REPORT 2024	7	9. PLATFORMS AND NETWORKS	189
2. GOVERNANCE AND STRUCTURE	11	10. TRAINING	197
2.1 ORGANIZATION CHART	12	10.1 TRAINING PROGRAMS	199
2.2 SCIENTIFIC STRUCTURE	19	10.2 TRAINING ACTIVITIES	199
3. GOALS & HIGHLIGHTS IN 2024	23	10.3 INSTITUTIONAL EVENTS	199
3.1 GOALS FOR 2024	24	10.4 RESULTS OF THE TRAINING ACTIVITIES	203
3.2 HIGHLIGHTS	25	11. INNOVATION AND TECHNOLOGY TRANSFER	209
4. STAFF	27	12. BIOMEDICAL RESEARCH SUPPORT UNITS	213
5. MANAGEMENT STAFF	33	12.1 ISOTOPE AND PRECLINICAL IMAGING UNIT	214
5.1 R&D MANAGEMENT UNIT	35	12.2 ANIMAL EXPERIMENTATION UNIT	217
5.2 INNOVATION & TRANSFER UNIT	35	12.3 FLOW CYTOMETRY UNIT	220
5.3 FINANCIAL AND HUMAN RESOURCES UNIT	36	12.4 ADVANCED OPTICAL MICROSCOPY UNIT	222
5.4 STAFF UNIT	37	12.5 IMIBIC MASS SPECTROMETRY AND MOLECULAR IMAGING UNIT (IMSMI)	226
6. FUNDING	39	12.6 BIOINFORMATICS UNIT	230
7. FACTS & FIGURES	45	12.7 GENOMICS UNIT	234
7.1 STAFF	46	12.8 CLINICAL RESEARCH UNIT	238
7.2 PUBLICATIONS	49	12.9 BIOBANK UNIT	243
7.3 NUMBER OF CLINICAL GUIDELINES, CONSENSUS DOCUMENTS AND PROTOCOLS	53	12.10 GENERAL PROCEDURES UNIT	245
7.4 RESEARCH PROJECTS AND NETWORKS	54	12.11 TECHNOLOGICAL INNOVATION UNIT	249
7.5 CLINICAL TRIALS	57	12.12 3D BIOPRINTING UNIT	252
8. SCIENTIFIC PRODUCTION	61	13. COMMUNICATION & RRI	255
8.1. SCIENTIFIC PROGRAMS	62	14. GOALS FOR 2025	259
8.2. SCIENTIFIC GROUPS	75	15. ANNEXES	263

01

DIRECTOR'S FOREWORD TO THE SCIENTIFIC REPORT 2024



María del Mar Malagón Poyato
Deputy Scientific Director

Pablo Pérez Martínez
Scientific Director

DIRECTOR'S FOREWORD TO THE SCIENTIFIC REPORT 2024

This report provides a summary of IMIBIC's activity during 2024, a year marked by steady progress towards the objectives outlined in our Strategic Plan 2021–2025 and by the collective effort of our teams to continue strengthening our position as a national and international reference centre in biomedical research.

One of the most remarkable achievements of this period has been the attraction of €21.7 million in competitive funding, reflecting our growing success in public calls and strategic collaborations. The Institute has also successfully implemented the Investigo and P2Med programs, enhancing our ability to attract and retain talent. As part of our ongoing commitment to research excellence, we are preparing for the renewal audit of the HRS4R seal, a key recognition of our quality in human resources management.

Our clinical research activity continues to expand. The launch of the Clinical Research Academy, along with the successful awarding of four projects in the national Primary Care call—the highest number obtained by IMIBIC to date—underscores the growing strategic importance of this area within our research framework.

Our international projection continues to strengthen significantly, with steady progress and successful development of multiple projects aligned with our global strategic goals. IMIBIC is increasingly taking on leadership roles in international consortia, reflecting the recognition of our scientific and management capabilities at the European level and beyond. This growing presence is not only expanding our network of strategic collaborations but also enhancing the visibility and impact of our research. To further consolidate these advances, the Monitoring Committee of the Internationalisation Plan has been formally established, ensuring the effective implementation and follow-up of our global objectives. This committee plays a key role in aligning our international actions with institutional priorities and in fostering an integrated, long-term vision for international engagement.

In the field of innovation, our growing involvement in public-private initiatives reflects the confidence that the productive sector places in IMIBIC's capacity to transform research into tangible solutions. The second edition of the Biotechnology Hackathon, organized in collaboration with the University of Córdoba, once again served as a vibrant platform for interdisciplinary collaboration, fostering creativity and the development of high-potential ideas.

In the area of responsible research and public engagement, IMIBIC has continued to expand its outreach efforts, with more than 1,800 participants taking part in our dissemination activities. The second edition of the IMIBIC Race for Research further reinforced the bond between science and society, establishing this event as a meaningful tradition within our institutional culture. Additionally, we launched the "Transforming Health" campaign, in collaboration with the clinical research area, to raise public awareness about the critical role and impact of clinical trials in improving population health.

Armed with these facts, our main objective is to continue fostering IMIBIC's growth, grounded in excellence and the translation of research into healthcare practice. A key priority remains the promotion of young researchers, nurturing talent and creativity to ensure the Institute evolves and continues to attract scientific excellence. We will also strengthen our efforts to secure international funding—particularly through European and NIH programs—and to promote innovation and knowledge transfer as essential bridges between research, clinical application, and collaboration with the health industry. While many goals and challenges lie ahead, IMIBIC's spirit has consistently guided us: uniting basic and clinical research, balancing competitiveness with collaboration, embracing transformation while maintaining clear and coherent objectives, and always striving for excellence in biomedical research.

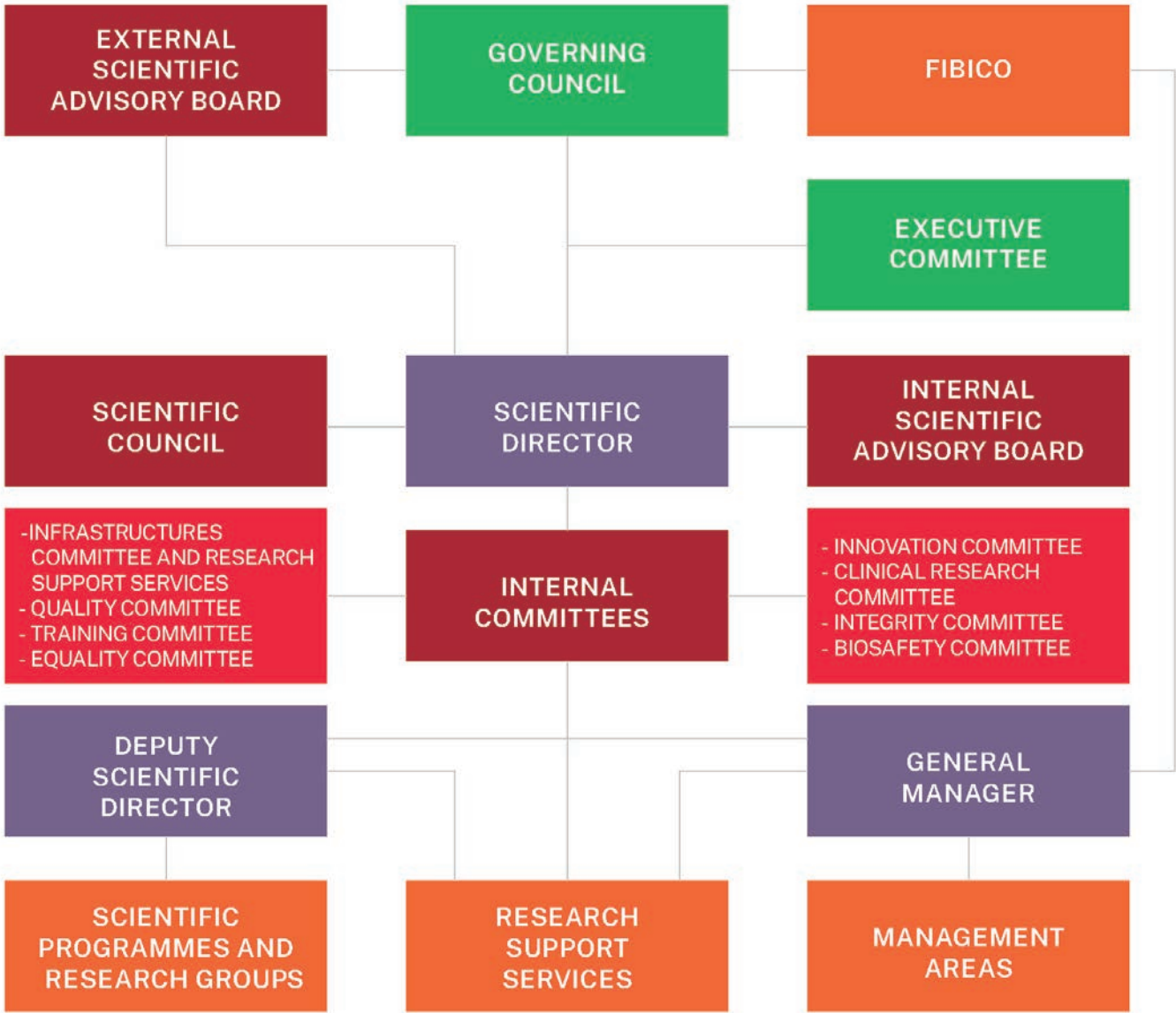
In the following pages, you will find evidence of our continued growth and the consolidation of our efforts to advance biomedical research. Above all, you will witness our shared and enduring commitment to moving forward together on this path of scientific excellence and collective progress.

02

GOVERNANCE AND STRUCTURE

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
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
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
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 Cardiovascular Research Center (CSIC-ICCC) at the Hospital de la Santa Creu i Sant Pau, Autonomous University of Barcelona (UAB), Institute for Biomedical Research (IIB-SPau), (Barcelona). President of the CCE.
- **Mr. Carlos Diéguez González**
Scientific Director of CIBER Obesity and Nutrition (ISCIII) and Director of the Centre for Research in Molecular Medicine, University of Santiago (CIMUS). (Santiago de Compostela).
- **Mr. José María Ordovás Muñoz**
Senior Scientist, Director of the Nutrition and Genomics Laboratory and Chairman of the Functional Genomics Core Facility of the Jean Mayer USDA Human Nutrition Research Center on Aging, Tufts University (Boston, USA). Scientific Director of the Madrid Institute for Advanced Studies (IMDEA) (Madrid).
- **Mr. Francisco Sánchez Madrid**
Professor of Immunology at the Autonomous University of Madrid and Scientific Director of the Health Research Institute of the Hospital de La Princesa (Madrid).
- **Mr. Pura Muñoz Cánoves (until 15 april)**
ICREA Research Professor and Professor of Cell Biology of the Department of Experimental and Health Sciences, University Pompeu Fabra. Leader of the Tissue Regeneration group at the National Centre for Cardiovascular Research (CNIC) in Madrid.

» 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. Eduardo Muñoz Blanco | 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. Ana Mantrana Soldado | Predoctoral 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 | Researcher GC13 |
| • Mr. David Luna Gómez | Training Technician |
| • Mr. Álvaro Granados del Río | General Manager |
| • Dr. Raúl Luque Huertas | Principal Investigator GC27 |
| • Dr. Antonio Pablo Arenas de Larriva | Predoctoral 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. Florencio Muñoz Encinas** Technician: Economic and Resource Management
- **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. Higinia Romero Crespo** 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. Victoria Guiote Moreno** Predoctoral Researcher GA10
- **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** Principal 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 Rodriguez** 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.

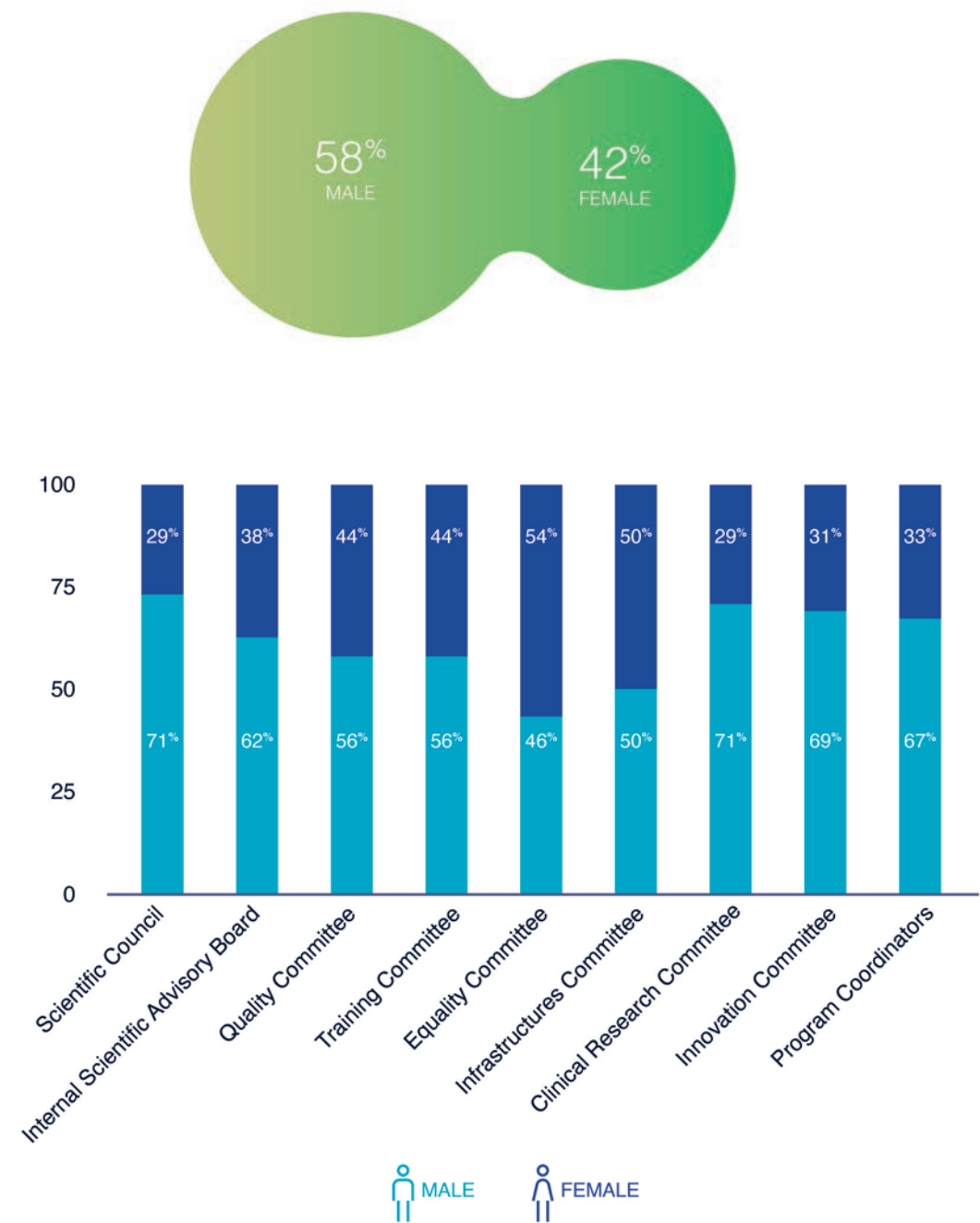
- **Dr. Pablo Pérez Martínez** Scientific Director
- **Dr. Luis Fernández Formoso** Head of Innovation Unit
- **Dr. Mª del Mar Malagón Poyato** Deputy Scientific Director
- **Mr. Álvaro Granados del Río** General Manager
- **Dr. Marina Álvarez Benito** Principal Investigator GA08
- **Dr. Eduardo Muñoz Blanco** Principal Investigator GC04
- **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** Co-Principal Investigator GC27
- **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

» 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 FRAILTY**
Dr. Fernando Sarramea Crespo
Dr. Rafael Solana Lara
- **NUTRITION, ENDOCRINE AND METABOLIC DISEASES**
Dr. Manuel Tena Sempere
- **INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION**
Dr. Antonio Rivero Román
Dr. Sara Cantisán Bohórquez
- **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	Eduardo Muñoz Blanco Marco Antonio Calzado Canalé
GC05	Systemic and Chronic Inflammatory Autoimmune Diseases of the Musculoskeletal System and Connective Tissue	5	Rosario López Pedrera Eduardo Collantes Estévez Alejandro Escudero Contreras
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
GC09	Nutrigenomics. Metabolic Syndrome	1, 2, 5	José López Miranda Francisco Pérez Jiménez 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

CODE	IMIBIC GROUPS AND PROGRAMS	PROGRAMS	PRINCIPAL INVESTIGATOR(S)
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	Eduardo Agüera Morales
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
GE06	Pathophysiology of Renal and Vascular Damage	5	Juan A. Moreno Gutiérrez
GE07	Visual Quality	3	Miguel González Andrades 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

03

GOALS & HIGHLIGHTS IN 2024

3.1 GOALS FOR 2024

The institutional objectives marked for the year 2024 and approved by the Institute’s Governing Council are outlined below.

GENERAL GOALS	RESULTS IN 2024
Clinical generational change (actions to identify future leaders)	100% COMPLETED
Social Council IMIBIC	100% COMPLETED
Establish strategies to promote clinical research (industry meetings, close monitoring of clinical management unit’s needs, etc.).	100% COMPLETED
Attraction of new researchers (Cajales/as, Emergia, International...)	100% COMPLETED
Establishing strategies to increase success in competitive calls for proposals	100% COMPLETED

3.2 HIGHLIGHTS



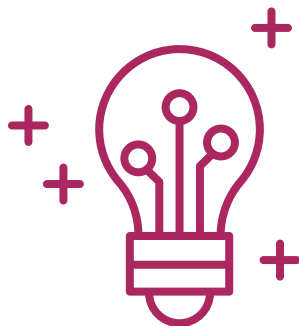
FUNDING:
More than 21.7 million euros



INTERNATIONAL:
Creation of the Internationalisation
Plan commission



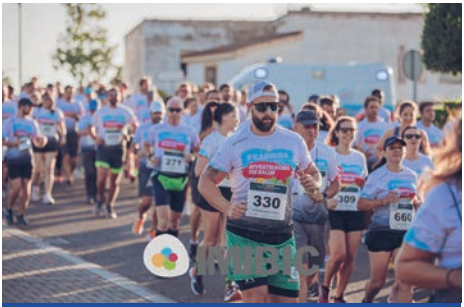
PRIMARY CARE:
4 project grants in the Primary Care
call for proposals (highest number
of grants in Primary Care for IMIBIC)



INNOVATION:
1.2 million euros from 3 public-
private projects



CLINICAL RESEARCH:
Clínical Research Academy



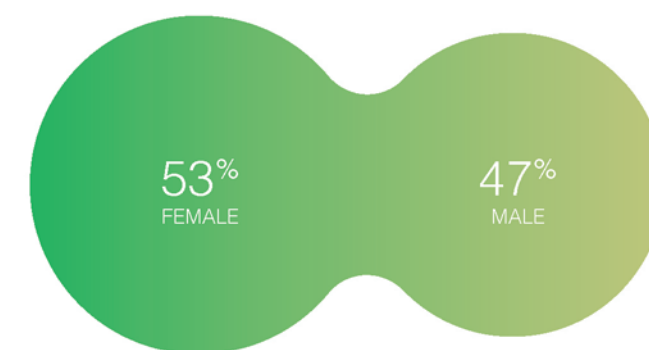
RESPONSIBLE RESEARCH AND INNOVATION (RRI):
II IMIBIC Race for Research



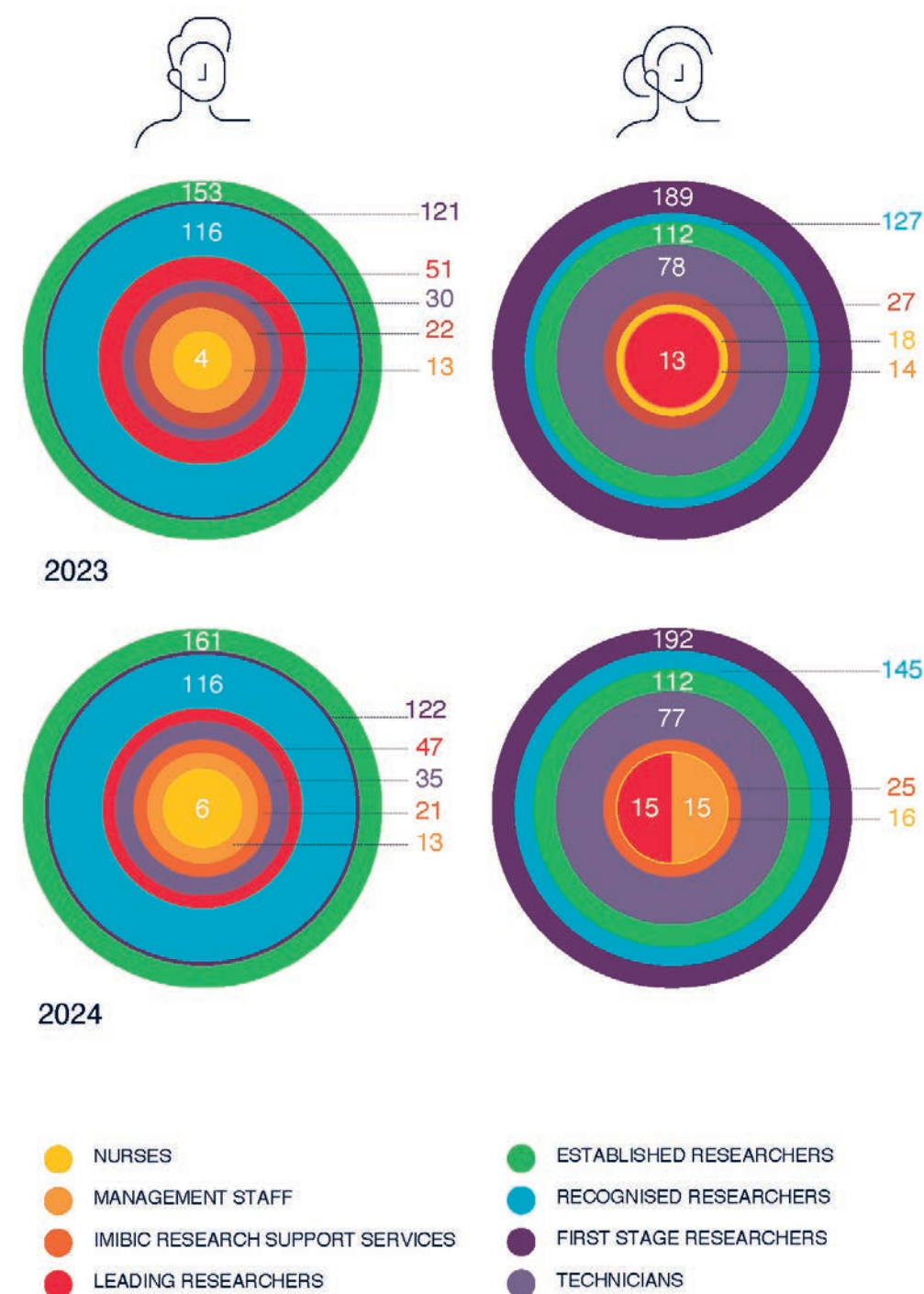
RESPONSIBLE RESEARCH AND INNOVATION (RRI):
“Transformando la Salud” Campaign

04

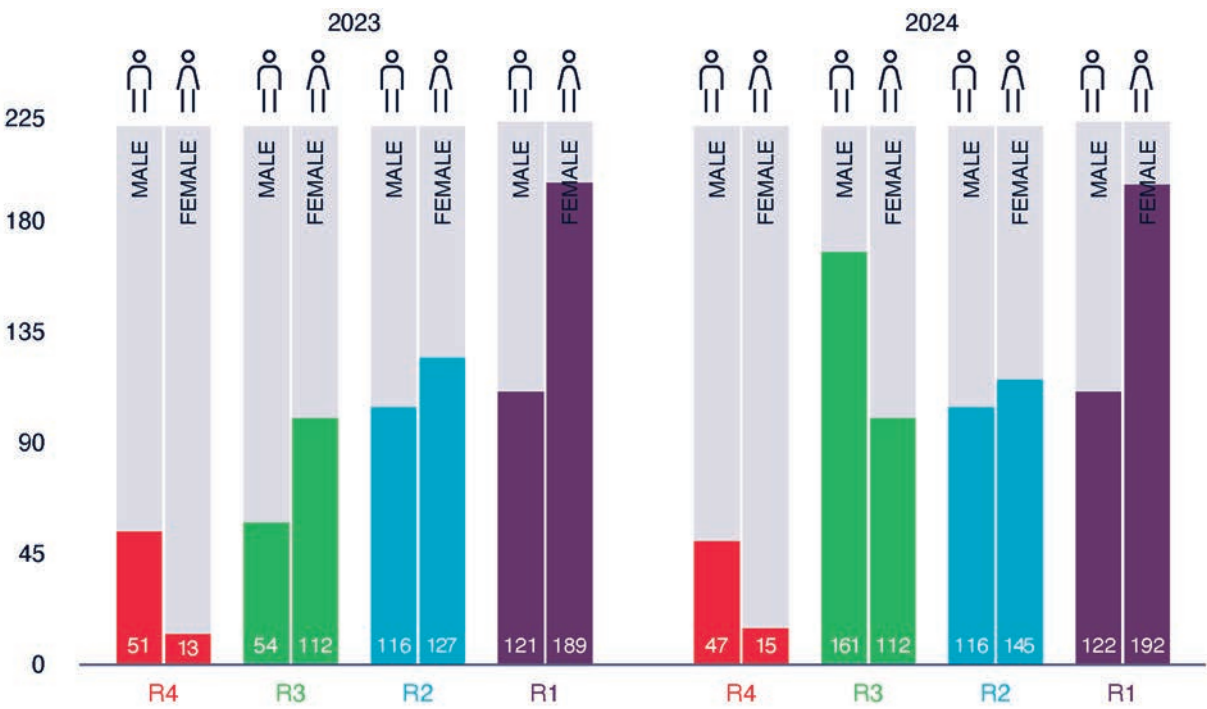
STAFF



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



» RESEARCH STAFF 2024

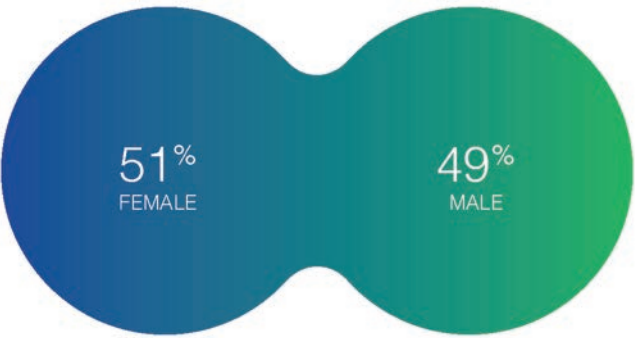


Note: R1-R4 correspond to the profile descriptors for research careers provided by EURAXESS (HRS4R).

» 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.

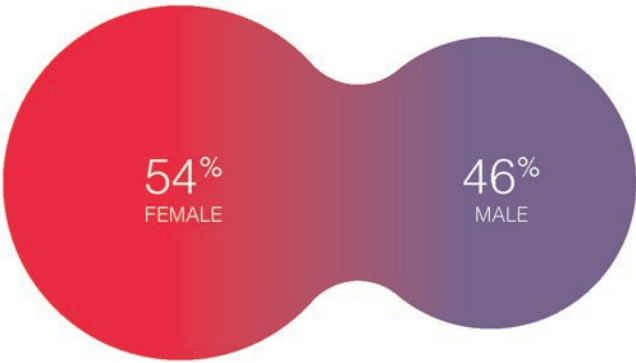
» RESEARCH STAFF 2024



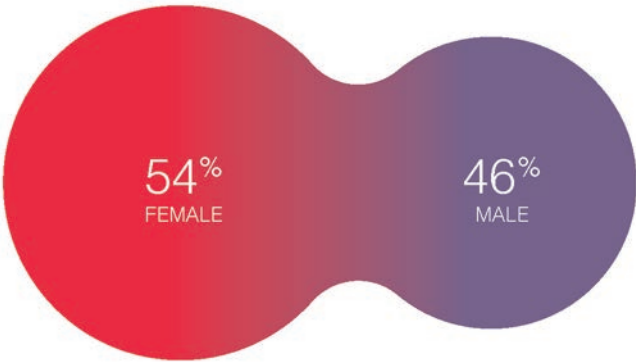
» ALL PERSONNEL IN 2024



» MANAGEMENT STAFF 2024



» IMIBIC RESEARCH SUPPORT SERVICES 2024



05

MANAGEMENT STAFF



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

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
- **Maria del Carmen García Serrano**
Clinical Research Assistant
- **Francisca Lobo Ávalos**
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.

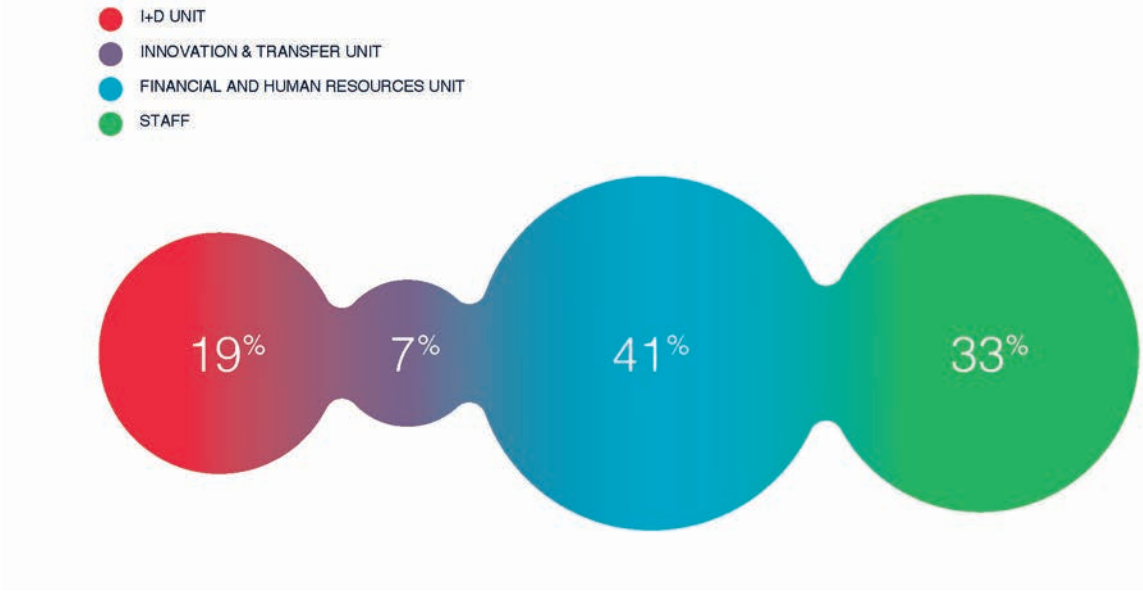
» THE MAIN SERVICES OFFERED BY THIS UNIT INCLUDE:

- 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**
Communication (volunteer staff)
- **Dolores Trujillo Jurado** (from September 2024)
Communication (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 2024



06

FUNDING



FIBICO is the financial and legal entity responsible for the management of IMIBIC. The following tables present the approved financial statements of FIBICO for 2024 compared to 2023.

» PROFIT & LOSS ACCOUNT (THOUSANDS OF EUROS)

	2024	2023
REVENUES	15,656.67	15,883.06
COST OF GOODS	-1,608.24	-1,577.59
PERSONNEL	-9,769.06	-9,343.69
OTHER EXPENSES	-3,381.70	-4,055.60
DEPRECIATION	-879.09	-901.76
NET INCOME	18.58	4.41

» BALANCE SHEET (THOUSANDS OF EUROS)

ASSETS	2024	2023
Non-current assets	8,373.96	10,355.78
Current assets	37,683.67	29,903.24
Accounts receivable	23,820.34	14,443.56
Cash & cash equivalents	13,863.33	15,459.68
Total Assets	46,057.63	40,259.02
Liabilities		
Non-current liabilities	7.673,02	4,329.44
Current liabilities	32.600,44	31,022.80
Equity	5.784,16	4,906.78
Total liabilities	40,259.02	40,259.02

» OVERHEADS

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

OH from research projects	462.55
Private projects	190.13
Total	652.68
Compensation to IMIBIC from Clinical Research	933,43

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 315.68k € 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, the second edition of the “Carrera por la Investigación en Salud” (Race for Health Research) was held, achieving great participation and visibility. Altogether, combining the activities of the RPP and the race event, the total expenditure allocated to these actions amounted to 62k€ compared to 37.5k€ the previous year.

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 468 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 4.7 million euros, and funds obtained from ISCIII raised 5 million euros.

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

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

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

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

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 Institute since 2020.
(thousands of euros)

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

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

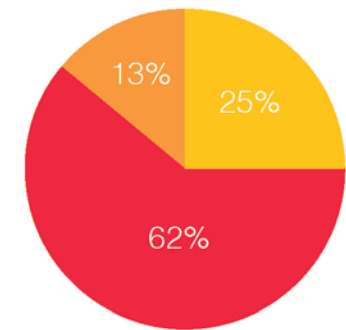
07

FACTS & FIGURES

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 2024.



- ASSOCIATED GROUPS
- EMERGING GROUPS
- CONSOLIDATED GROUPS



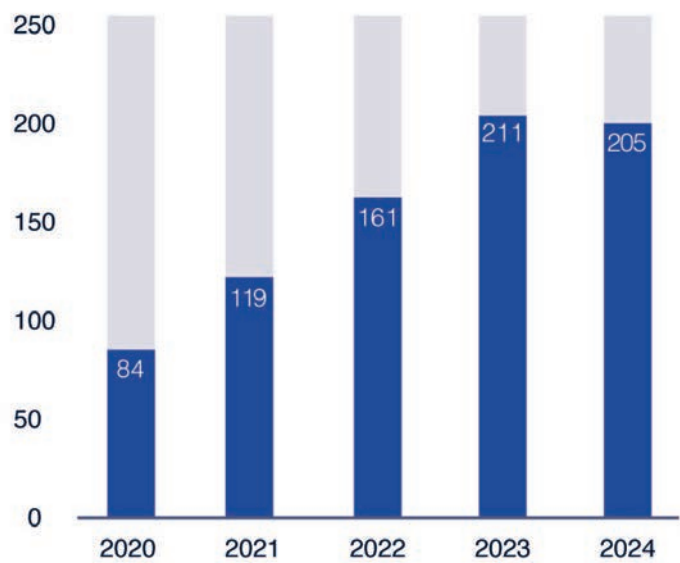
In 2020, IMIBIC implemented the 2020-2022 Action Plan as part of its Human Resources Strategy for Researchers (HRS4R), which was originally launched in 2017 after receiving the “HR Excellence in Research” award from the European Commission. The IMIBIC HRS4R Action Plan is based on the recommendations and principles set out in the Charter & Code designed to ensure transparency, accessibility, equity and the pursuit of excellence in the recruitment of researchers. During 2023, the first year included in the 2023-2025 Action Plan was evaluated in order to be prepared for the external evaluation by the European Commission which we are waiting for. This evaluation was expected to take place during the last term in 2024, however it did not happen. It will be in 2025 when the Institute will renew the recognition of “HR Excellence in Research” award.

RESEARCHERS R1-R4



COMPETITIVE HUMAN RESOURCES GRANTS

During 2024, 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 2024	GRANTED IN 2024
CE	P2MED	2	
CE	MARIE CURIE	1	
CE	ERC ADVANCED	1	
BRITISH SOCIETY FOR NEUROENDOCRINOLOGY	UNDERGRADUATE STUDENT LABORATORY EXPERIENCE GRANT 2023	1	
EUROPEAN MOLECULAR BIOLOGY ORGANIZATION	EMBO SCIENTIFIC EXCHANGE GRANTS	1	1
ISCIII	BIOINFORMÁTICO	1	
ISCIII	GIS	2	
ISCIII	INTENSIFICACIONES	3	3
ISCIII	IPFIS		1
ISCIII	JUAN RODÉS	3	3
ISCIII	MIGUEL SERVET	5	2
ISCIII	PFIS	19	1
ISCIII	RÍO HORTEGA	9	4
ISCIII	SARA BORRELL	5	4
ISCIII	MOVILIDAD	8	5
MEC	FPU	21	3
MICINN	PREDOCTORAL I+D+i	1	
MICINN	PERSONAL TÉCNICO DE APOYO	1	
MICINN	JUAN DE LA CIERVA (FORMACIÓN)	1	
MICINN	FPI	10	
MICINN	RAMÓN Y CAJAL		1
MINISTERIO DE TRABAJO	PROGRAMA INVESTIGO	37	
CSYC	POSTDOC ESPECIALISTA (clínicos)	1	3
CSYC	POSTDOC	1	2
CSYC	MARÍA CASTELLANO		2
CUII	POSTDOCTORALES	6	2
SAE	PROGRAMA INVESTIGO	36	
SAS	TÉCNICOS DE ECAI	5	1
SAS	INTENSIFICACIONES (ACCIÓN A)	11	11
SAS	NICOLÁS MONARDES (ACCIÓN C)	9	2
	PRIVATE FUNDS	4	5
TOTAL		205	56

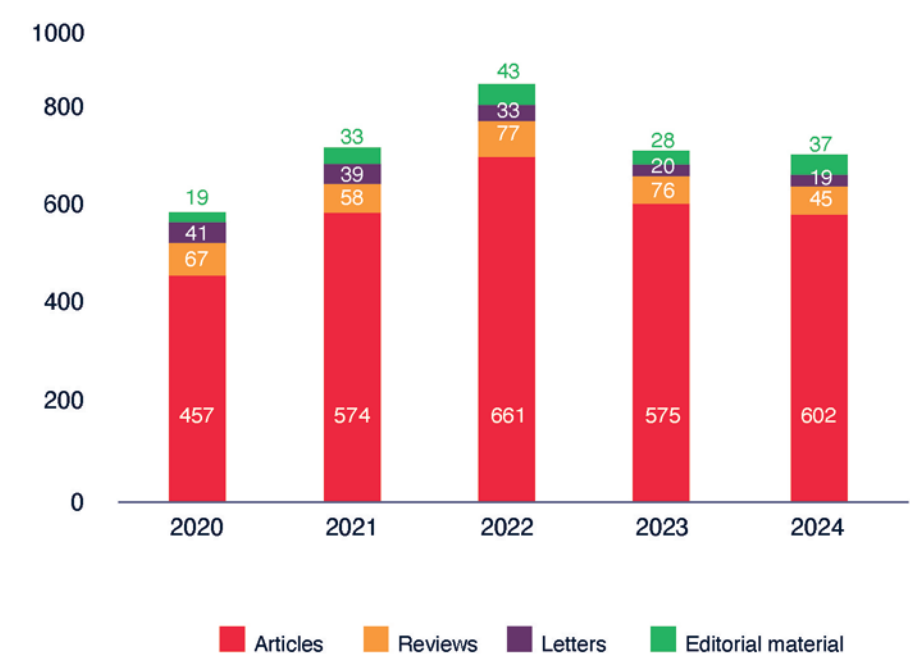
7.2 PUBLICATIONS

In 2024, our researchers contributed 709 scientific documents, 703 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 2024, open access publications represent 58% of the publications indexed in JCR.

PUBLICATIONS (2020–2024)



PUBLICATIONS IN 2024 (BY TYPE)

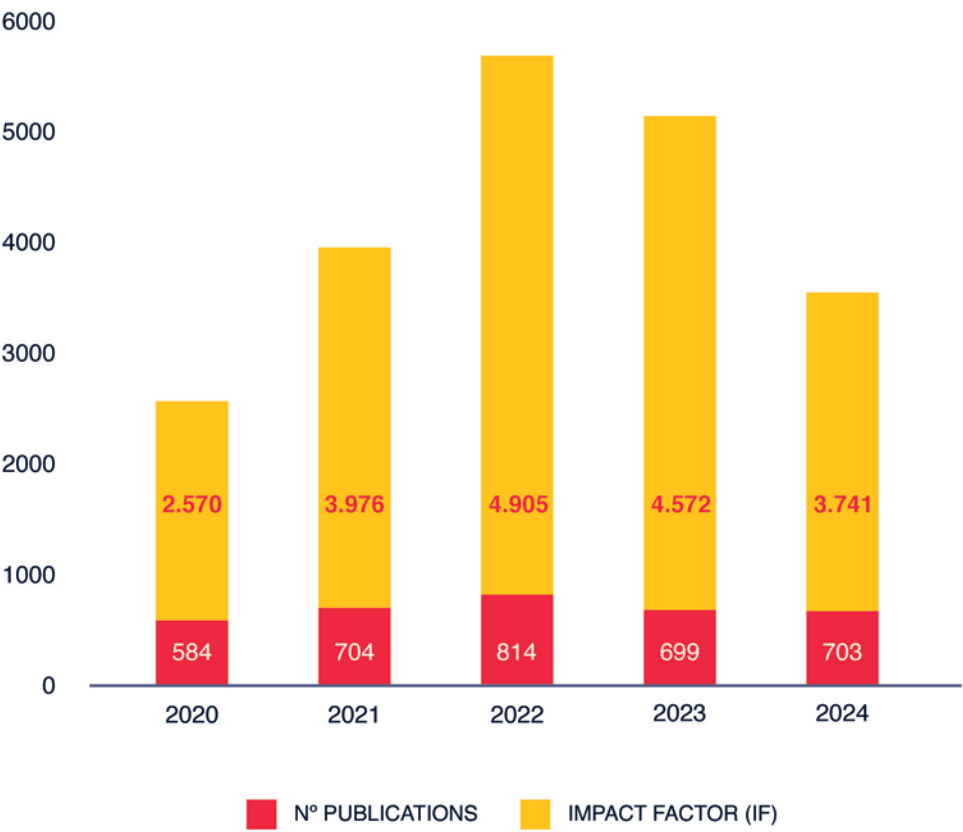
	TOTAL	D1	Q1 (*)	Q2	Q3-Q4
ORIGINAL ARTICLES	602	127	392	138	72
REVIEWS	45	14	26	11	8
TOTAL ORIGINAL ARTICLES & REVIEWS	647	141	418	149	80
LETTERS	19	6	13	3	3
EDITORIAL MATERIAL	37	5	18	10	9
TOTAL PUBLICATIONS	703	152	449	162	92

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

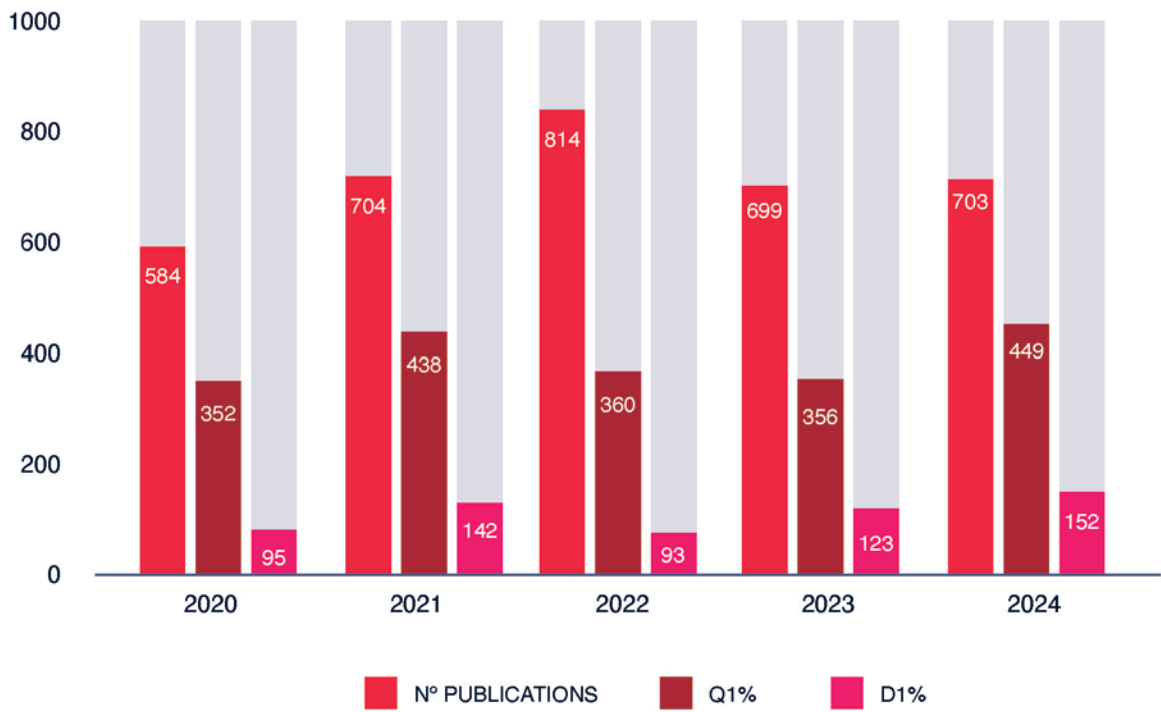
DISTRIBUTION OF PUBLICATIONS IN NATIONAL AND INTERNATIONAL JOURNALS

	N° OF PUBLICATIONS
INTERNATIONAL JOURNALS	275
ORIGINAL ARTICLES	244
REVIEWS	17
EDITORIAL MATERIAL	7
LETTERS	7
NATIONAL JOURNALS	428
ORIGINAL ARTICLES	358
REVIEWS	28
EDITORIAL MATERIAL	30
LETTERS	12
TOTAL PUBLICATIONS	703

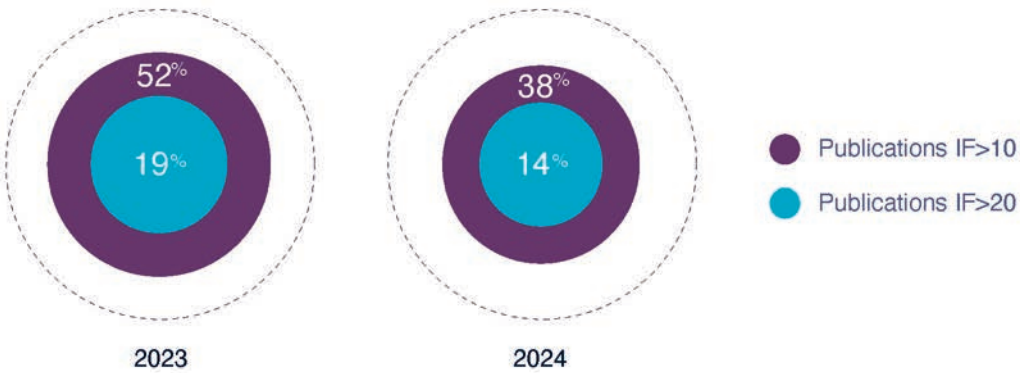
EVOLUTION OF PUBLICATIONS AND TOTAL IMPACT FACTOR



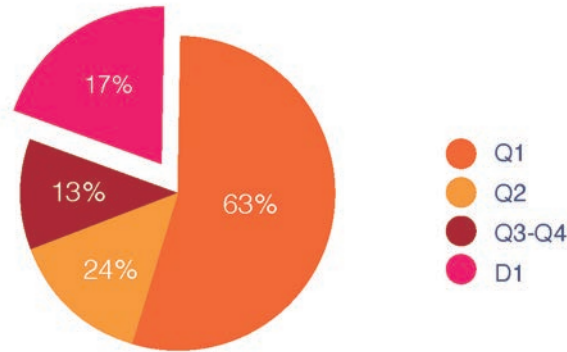
EVOLUTION OF PUBLICATIONS IN QUARTILE 1 & DECILE 1 JOURNALS



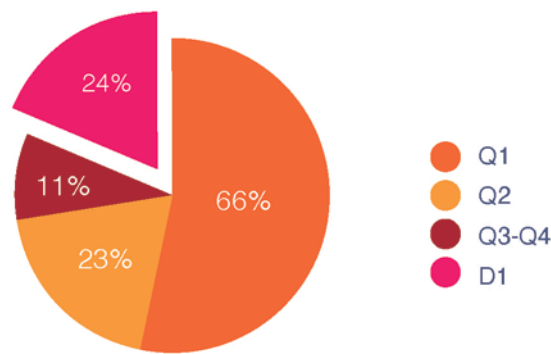
As can be seen in the graph below, in 2024, publications in journals in the first decile (D1) with an impact factor (IF) of more than 20 points will have decreased by 5% compared to 2023. Similarly, the number of publications in D1 with an IF of more than 10 points has also decreased from 52% in 2023 to 38% in 2024. The explanation for this can be found in the reduction of IF that journals have been experiencing in recent years.



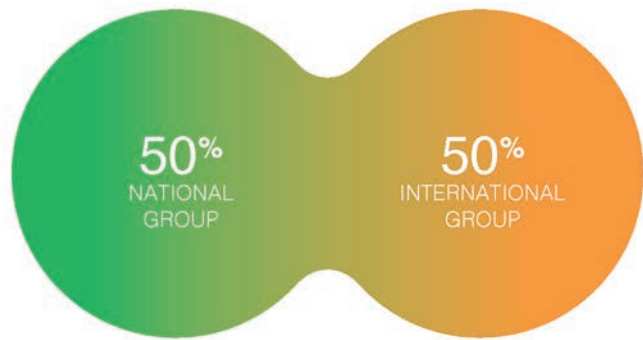
PUBLICATIONS LED BY IMIBIC RESEARCHERS (ORIGINAL ARTICLES + REVIEWS)



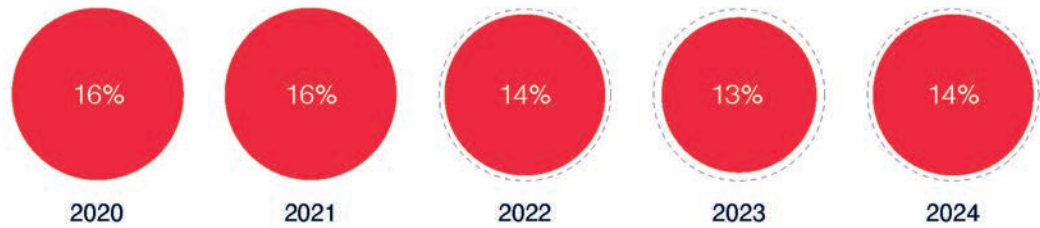
PUBLICATIONS IN COLLABORATION WITH NATIONAL AND INTERNATIONAL GROUPS (ORIGINAL ARTICLES + REVIEWS)



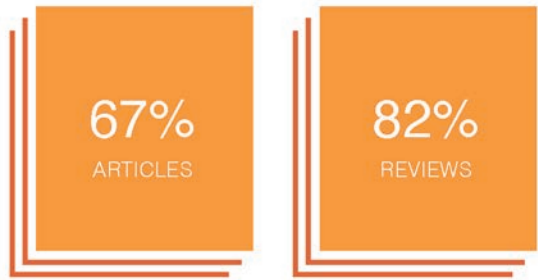
DISTRIBUTION OF PUBLICATIONS IN COLLABORATION WITH NATIONAL AND INTERNATIONAL GROUPS



PUBLICATIONS: INTRAMURAL COLLABORATIONS



AFFILIATION OF ARTICLES AND REVIEWS



BIBLIOGRAPHIC INDICATORS

	2020	2021	2022	2023	2024
FIRST, LAST OR CORRESPONDING AUTHOR	45%	45%	49%	47%	45%
CATEGORY NORMALIZED CITATION IMPACT (CROWN INDICATOR) (**)	1.83	1.66	1.91	1.88	1.93
HIGHLY CITED PAPERS (HCP INDICATOR) (***)	23%	22%	23%	23%	21%
PUBLICATIONS LED BY IMIBIC ACCORDING TO HCP INDICATOR	82	94	93	112	103

(**) 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	14	50%

Total number of Clinical Guidelines and Consensus Documents published in 2024 in journals indexed in the ISI-Web of Science. Journals were ranked by quartiles according to impact factor.

7.4 RESEARCH PROJECTS AND NETWORKS

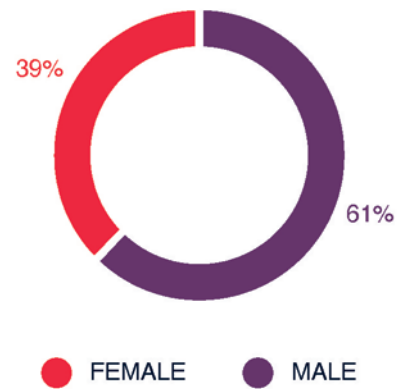
Our researchers contributed to the development of a large number of competitive projects: **164** were ongoing in 2024.



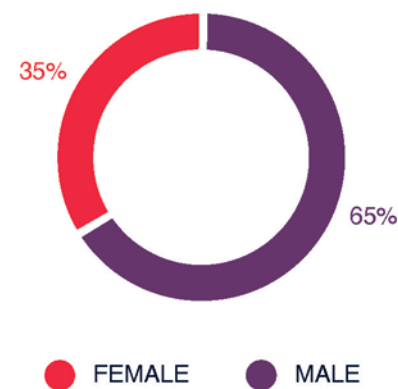
Figures represent the number of ongoing projects financed by national and international funding agencies, both public and private, in 2024.

RESEARCH PROJECTS BY GENDER OF PRINCIPAL INVESTIGATOR

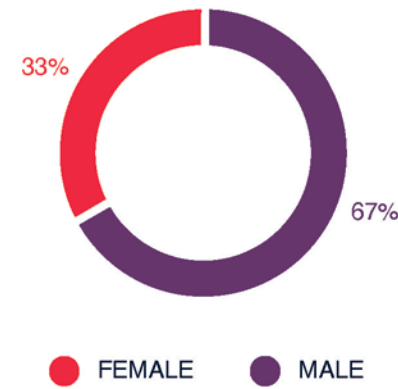
RESEARCH PROJECTS BY GENDER OF PRINCIPAL INVESTIGATOR



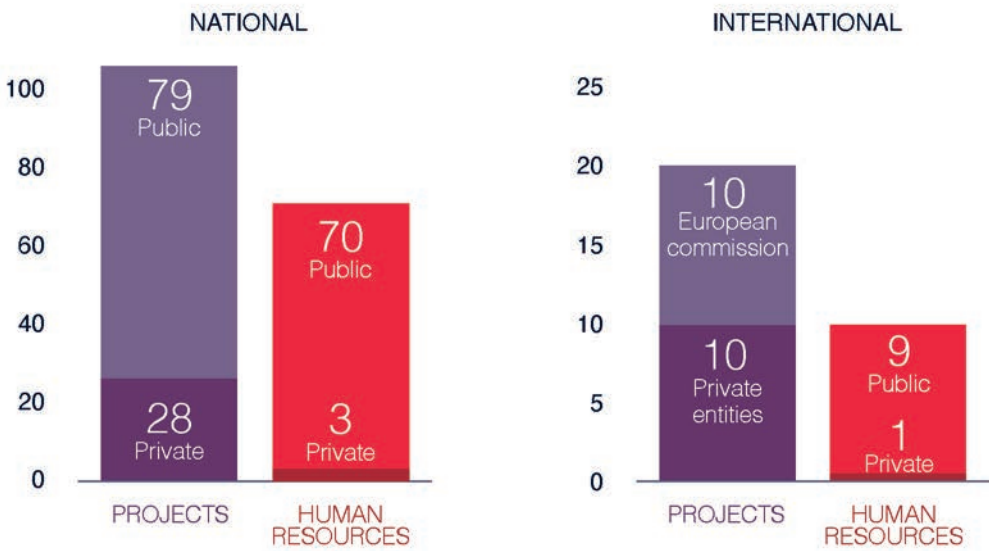
NATIONAL PROJECTS BY GENDER OF PRINCIPAL INVESTIGATOR



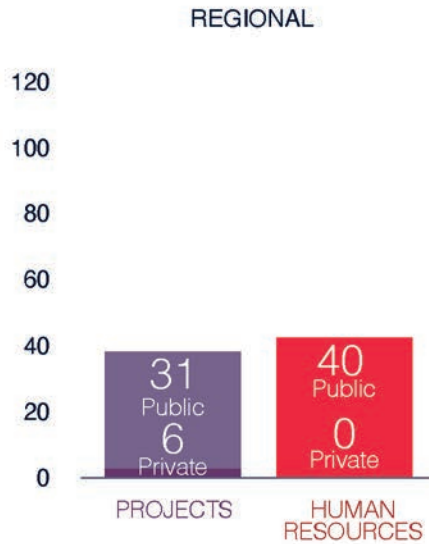
INTERNATIONAL PROJECTS BY GENDER OF PRINCIPAL INVESTIGATOR



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. These researchers have been at the Institute for two years (2023-2024).

ONGOING PROJECTS IN 2024

NATIONAL		NO. OF ONGOING PROJECTS
Public		
Institute of Health Carlos III (ISCIII)		59
Ministry of Science and Innovation (State Investigation Agency)		19
Ministry of health		1
Private		
Private Funding		28
REGIONAL		
Public		
Regional Ministry of Health and Consumer Affairs		16
Regional Ministry of Universities, Research and Innovation		1
Andalusian public foundation Progreso y Salud		14
Private		
Private Funding		6
INTERNATIONAL		
Public		
European Commission		10
Private		
Private Funding		10
No. of ONGOING PROJECTS		164

PROJECTS FUNDED BY GRANTS IN 2024

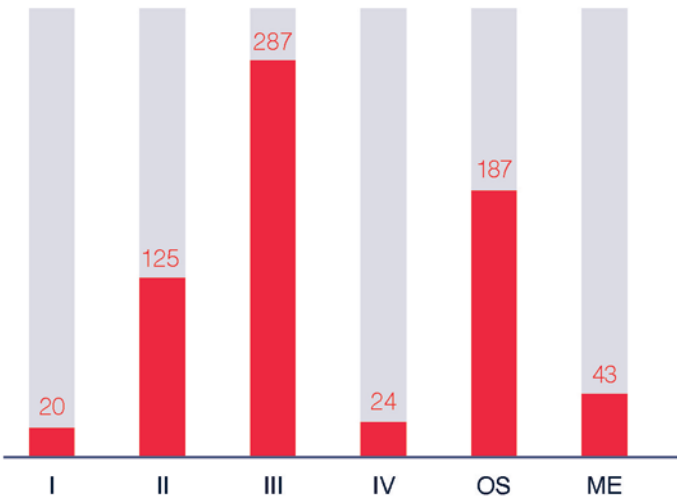
NATIONAL		NO. OF GRANTED PROJECTS
Public		
Institute of Health Carlos III (ISCIII)		13
Ministry of Science and Innovation (State Investigation Agency)		7
Private		
Private Funding		5
REGIONAL		
Public		
Regional Ministry of Health and Consumer Affairs		8
FPS		4
Private		
Private Funding		3

INTERNATIONAL	
Public	
AVOGADRO - Adapting Versatile Opportunities for Glycopeptide Antibiotics against Drug-Resistant Organisms (ISCIII)	1
Private	
Private Funding	1
No. of PROJECTS GRANTED	
42	

7.5 CLINICAL TRIALS

The graphs below summarise the number of active clinical trials in 2024. In 2024, 143 new clinical trials were started and 686 were ongoing. These include 456 clinical studies with drugs, 187 observational studies and 43 trials of new medical devices.

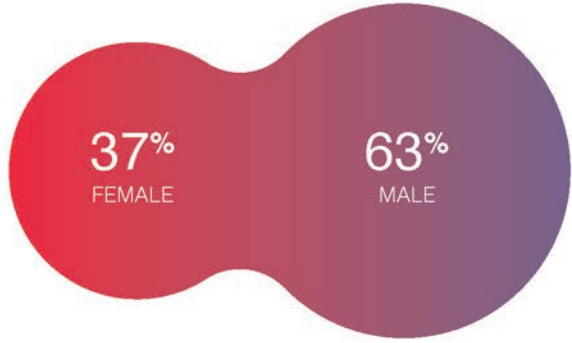
ONGOING CLINICAL TRIALS IN 2024



OS: Observational Studies / ME: Medical Equipment

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

CLINICAL TRIALS BY GENDER OF PRINCIPAL INVESTIGATOR



» CLINICAL TRIALS IN 2024, CLASSIFIED BY SPONSOR TYPE

	CLINICAL TRIALS WITH DRUGS	OBSERVATIONAL STUDIES	MEDICAL EQUIPMENT
PHARMACEUTICAL INDUSTRY	364	56	15
OTHER ENTITIES	84	119	26
SELF-SPONSORED (FIBICO)	8	12	2
TOTAL	456	187	43



08

SCIENTIFIC PRODUCTION

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 and 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) Artificial intelligence and machine learning tools are being developed and applied for the diagnosis and prognosis of diseases such as Alzheimer’s and COVID-19.
- II) Nutritional interventions and dietary habits are studied in relation to 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. Herrera-Martínez AD, Prior-Sánchez I, Fernández-Soto ML, García-Olivares M, Novo-Rodríguez C, González-Pacheco M, Martínez-Ramírez MJ, Carmona-Llanos A, Jiménez-Sánchez A, Muñoz-Jiménez C, Torres-Flores F, Fernández-Jiménez R, Boughanem H, del Galindo-Gallardo MC, Luengo-Pérez LM, Molina-Puerta MJ, García-Almeida JM. Improving the nutritional evaluation in head neck cancer patients using bioelectrical impedance analysis: Not only the phase angle matters. JOURNAL OF CACHEXIA SARCOPENIA AND MUSCLE. 2024. 2426-2436. DOI: 10.1002/jcsm.13577. IF: 9,1 Q1 D1

2. Castillo-Luna A, Priego-Capote F. Phenolic enrichment of foods curated in olive oil: Kinetics and chemical evaluation. FOOD CHEMISTRY-X. 2024. DOI: 10.1016/j.fochx.2024.101398. IF: 8,2 Q1 D1

3. Ruiz-Rull C, Jaén-Moreno MJ, Pozo GID, Camacho-Rodríguez C, Rodríguez-López M, Rico-Villademoros F, Otero-Ferrer JL, Feu N, Reyes-López M, Fiestas RM, Laguna-Muñoz D, Jiménez-Peinado A, Mannino D, Vieta E, Sarramea F. Lung function decline in people with serious mental illness: A call to action. EUROPEAN NEUROPSYCHOPHARMACOLOGY. 2024. 41-46. DOI: 10.1016/j.euroneuro.2024.09.004. IF: 6,7 Q1 D1

4. Cárcamo-Regla R, Zapata-Lamana R, Ochoa-Rosales C, Martorell M, Carrasco-Marín F, Molina-Recio G. Effectiveness of Resistance Training Program on Body Composition in Adults Following Vegan Diet versus Omnivorous Diet; Developed in Mobile Health Modality. NUTRIENTS. 2024. DOI: 10.3390/nu16152539. IF: 5 Q1 D2

5. Alvarez P, Aguado R, Molina J, Trujillo-Aguilera A, Villalba M, Díaz-Perales A, Oeo-Santos C, Chicano E, Blanco N, Navas A, Ruiz-León B, Jurado A. Pollen-Food Allergy Syndrome: From Food Avoidance to Deciphering the Potential Cross-Reactivity between Pru p 3 and Ole e 7. NUTRIENTS. 2024. DOI: 10.3390/nu16172869. IF: 5 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

» HIGHLIGHTS IN 2024

No. of PUBLICATIONS: **107**

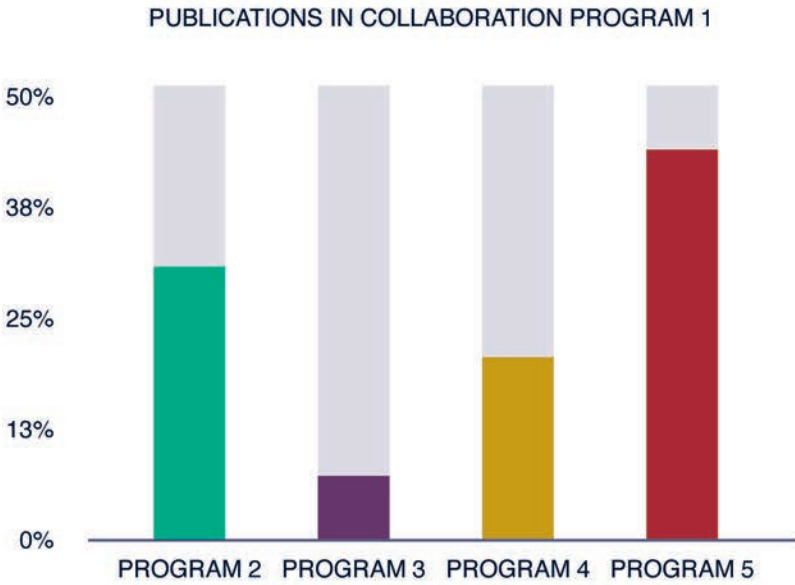
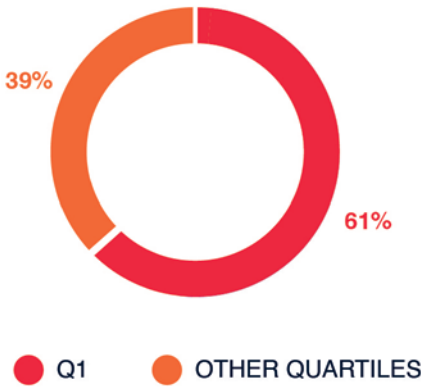
- Own: **66%**
- No. of collaborative publications: **24**
- IF: **401**
- Q1 (including D1): **61%**
- D1: **12%**

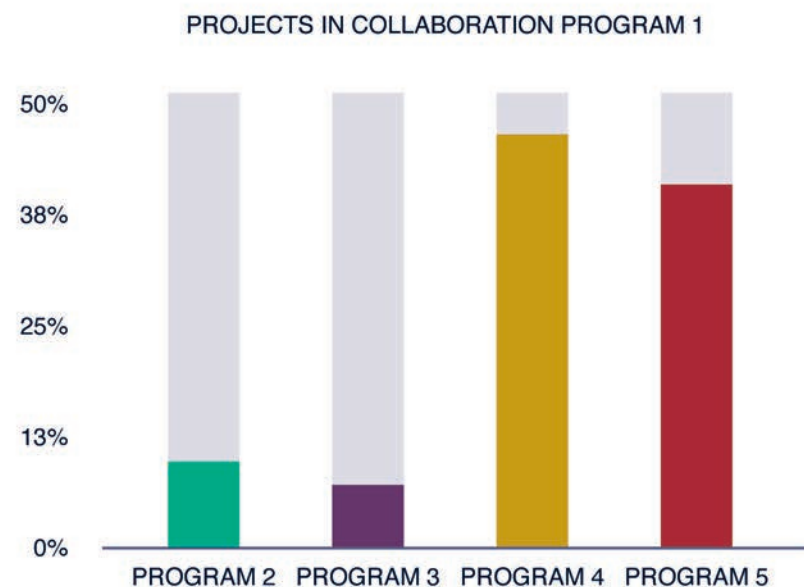
No. of ONGOING PROJECTS: **38**

- N° of collaborative projects: **22**

No. of ONGOING CLINICAL TRIALS: **15**

» 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 oxidative stress, inflammation, fibrosis, and hypoxia. 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:

- I) Research on dietary patterns, nutrition, and lifestyle behaviors, evaluating their impact on cardiometabolic risk, diabetes, obesity and overall health outcomes.
- II) 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.
- III) 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.
- IV) 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.
- V) Identify risk factors for the prevention of childhood-onset diseases and the impact on health later in life; and focus in diagnostic and therapeutic tools for pediatric diseases in different areas (neurology, oncology, nephrology...)

» 5 HIGHLIGHTED PUBLICATIONS

1. Sánchez-Garrido MA, Serrano-López V, Ruiz-Pino F, Vázquez MJ, Rodríguez-Martin A, Torres E, Velasco I, Rodríguez AB, Chicano-Gálvez E, Mora-Ortiz M, Ohlsson C, Poutanen M, Pinilla L, Gáytan F, Douros JD, Yang B, Müller TD, Dimarchi RD, Tschöp MH, Finan B, Tena-Sempere M. Superior metabolic improvement of polycystic ovary syndrome traits after GLP1-based multi-agonist therapy. *NATURE COMMUNICATIONS*. 2024. DOI: 10.1038/s41467-024-52898-y. IF: 15,7 Q1 D1
2. López-Alcalá J, Gordon A, Trávez A, Tercero-Alcázar C, Correa-Sáez A, González-Rellán MJ, Rangel-Zúñiga OA, Rodríguez A, Membrives A, Frühbeck G, Nogueiras R, Calzado MA, Guzmán-Ruiz R, Malagón MM. Localization, traffic and function of Rab34 in adipocyte lipid and endocrine functions. *JOURNAL OF BIOMEDICAL SCIENCE*. 2024. DOI: 10.1186/s12929-023-00990-8. IF: 12,1 Q1 D1
3. Avendano MS, Perdices-Lopez C, Guerrero-Ruiz Y, Ruiz-Pino F, Rodriguez-Sanchez AB, Sanchez-Tapia MJ, Sobrino V, Pineda R, Barroso A, Correa-Saez A, Lara-Chica M, Fernandez-Garcia JC, Garcia-Redondo AB, Hernanz R, Ruiz-Cruz M, Garcia-Galiano D, Pitteloud N, Calzado MA, Briones AM, Vazquez MJ, Tena-Sempere M. The evolutionary conserved miR-137/325 tandem mediates obesity-induced hypogonadism and metabolic comorbidities by repressing hypothalamic kisspeptin. *METABOLISM-CLINICAL AND EXPERIMENTAL*. 2024. DOI: 10.1016/j.metabol.2024.155932. IF: 11,9 Q1 D1
4. Ojeda-Rodriguez A, Rangel-Zuñiga OA, Arenas-de Larriva AP, Gutierrez-Mariscal FM, Torres-Peña JD, Romero-Cabrera JL, Podadera-Herreros A, García-Fernandez H, Porras-Pérez E, Luque RM, Kales SN, Perez-Martinez P, Delgado-Lista J, Yubero-Serrano EM, Lopez-Miranda J. Telomere length as biomarker of nutritional therapy for prevention of type 2 diabetes mellitus development in patients with coronary heart disease: CORDIOPREV randomised controlled trial. *CARDIOVASCULAR DIABETOLOGY*. 2024. DOI: 10.1186/s12933-024-02175-5. IF: 10,6 Q1 D1
5. Palomino-Fernández L, Pastor-Villaescusa B, Velasco I, Rico MD, Roa J, Gil A, Gil-Campos M. Metabolic and Low-Grade Inflammation Risk in Young Adults with a History of Extrauterine Growth Restriction. *NUTRIENTS*. 2024. DOI: 10.3390/nu16111608. IF: 5 Q1 D2

*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 2024

No. of PUBLICATIONS: **117**

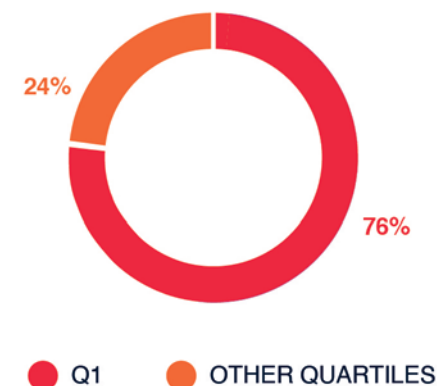
- Own: **52%**
- No. of collaborative publications: **24**
- IF: **648.2**
- Q1 (including D1): **76%**
- D1: **25%**

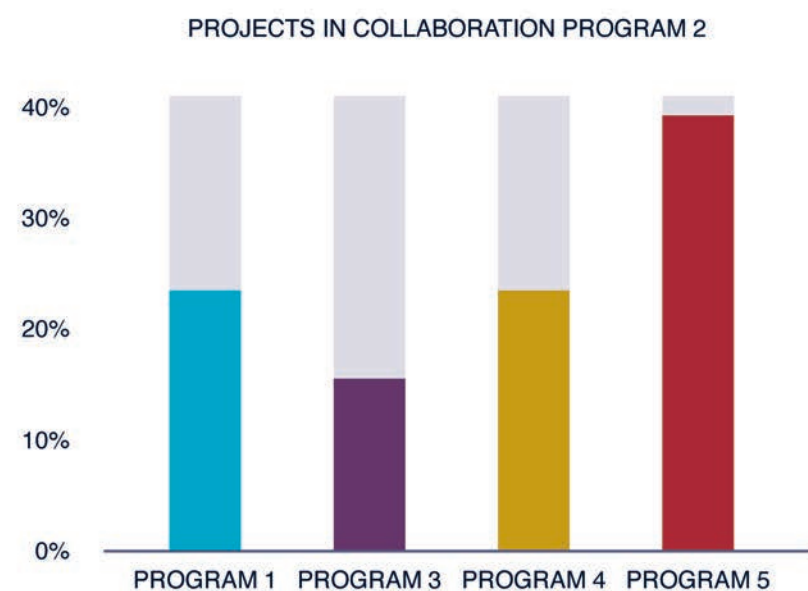
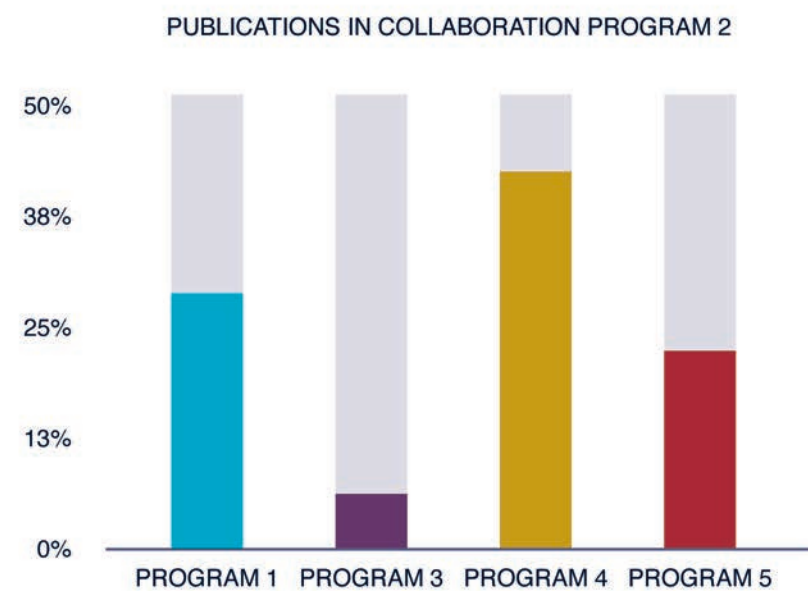
No. of ONGOING PROJECTS: **31**

- No. of collaborative projects: **9**

No. of ONGOING CLINICAL TRIALS: **42**

» PROGRAM 2





SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» GENERAL GOALS

The overarching aim of this program is to advance a unified line of high-quality research on health challenges linked to host–pathogen interactions, with a particular focus on infectious, zoonotic, immunological, and organ transplantation diseases. The ultimate objective is to generate results with direct clinical applicability, supporting healthcare professionals, improving patient outcomes, and contributing to social well-being.

A central strategy is to reinforce collaboration among research groups at regional, national, and international levels, as well as with public and private sector partners. Defining clear and achievable project goals is also essential, as it increases the likelihood of success, fosters the creation of new spin-offs, provides a strong framework for research training, and supports stable career paths for scientists.

To achieve these aims, actions must be concrete and impactful, following a translational approach that ensures patient benefit. This can be accomplished through the transfer of research findings to industry or by incorporating them into clinical practice guidelines.

In 2024, Program 3 at IMIBIC brought together eight research groups—three consolidated, one emerging, and four associated. Collectively, they generated 96 scientific publications, managed 26 active projects, and carried out 23 clinical trials during the year. This year, special emphasis is placed on the researchers' success in attracting European funds, particularly through their involvement in multiple Horizon Europe projects.

» 5 HIGHLIGHTED PUBLICATIONS

- Hidalgo-Tenorio C, Bou G, Oliver A, Rodríguez-Aguirregabiria M, Salavert M, Martínez-Martínez L. The Challenge of Treating Infections Caused by Metallo- β -Lactamase-Producing Gram-Negative Bacteria: A Narrative Review. DRUGS. 2024. 1519-1539. DOI: 10.1007/s40265-024-02102-8. IF: 14,4 Q1 D1
- Casares-Jimenez M, Garcia-Garcia T, Suárez-Cárdenas JM, Perez-Jimenez AB, Martín MA, Caballero-Gómez J, Michán C, Corona-Mata D, Risalde MA, Perez-Valero I, Guerra R, Garcia-Bocanegra I, Rivero A, Rivero-Juarez A, Garrido JJ. Correlation of hepatitis E and rat hepatitis E viruses urban wastewater monitoring and clinical cases. SCIENCE OF THE TOTAL ENVIRONMENT. 2024. DOI: 10.1016/j.scitotenv.2023.168203. IF: 8 Q1 D2
- Casares-Jimenez M, Rivero-Juarez A, Lopez-Lopez P, Montes ML, Navarro-Soler R, Peraire J, Espinosa N, Alemán-Valls MR, Garcia-Garcia T, Caballero-Gomez J, Corona-Mata D, Perez-Valero I, Ulrich RG, Rivero A. Rat hepatitis E virus (Rocahepevirus ratti) in people living with HIV. EMERGING MICROBES & INFECTIONS. 2024. DOI: 10.1080/22221751.2023.2295389. IF: 7,5 Q1 D1
- Casares-Jimenez M, Corona-Mata D, Garcia-Garcia T, Manchado-Lopez L, Rios-Muñoz L, de Guia-Castro M, Lopez-Lopez P, Caceres-Anillo D, Camacho A, Caballero-Gomez J, Perez-Valero I, Gallo-Marin M, Perez AB, Ulrich RG, Rivero-Juarez A, Rivero A. Serological and molecular survey of rat hepatitis E virus (Rocahepevirus ratti) in drug users. EMERGING MICROBES & INFECTIONS. 2024. DOI: 10.1080/22221751.2024.2396865. IF: 7,5 Q1 D1
- Frías M, Caballero-Gómez J, Vázquez A, Madrigal E, Ruiz-Fons F, Gallo M, Herrero L, Jarilla M, Garcia-Bocanegra I, Rivero-Juárez A, Rivero A. Serosurvey of Blood Donors to Assess West Nile Virus Exposure, South-Central Spain. EMERGING INFECTIOUS DISEASES. 2024. 1496-1498. DOI: 10.3201/eid3007.240450. IF: 6,6 Q1 D1

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

» SUB-PROGRAMS

- HIV + Hepatitis C
- Transplantation
- Multiresistance

HIV AND/OR HCV + HEV INFECTION

Research in this area has explored the effectiveness and safety of modern antiretroviral therapies, including bictegravir/emtricitabine/tenofovir alafenamide, in people with HIV, with a particular focus on late presenters. Studies have also assessed life expectancy in patients receiving long-term treatment and investigated complications such as mpox in individuals with uncontrolled HIV infection. Additional work has examined the persistence and characteristics of the HIV-1 reservoir, shedding light on differences between elite controllers. Parallel research has focused on emerging threats such as rat hepatitis E virus (Rocahepevirus ratti), both in people living with HIV and as a potential cause of acute hepatitis of unknown origin in Europe, highlighting the need for vigilance in monitoring novel viral pathogens.

TRANSPLANTATION/MULTIRESISTANCE

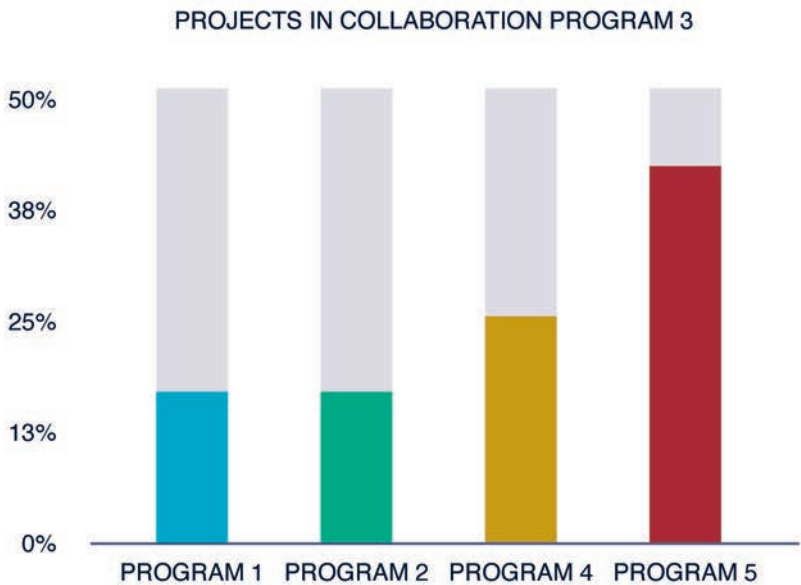
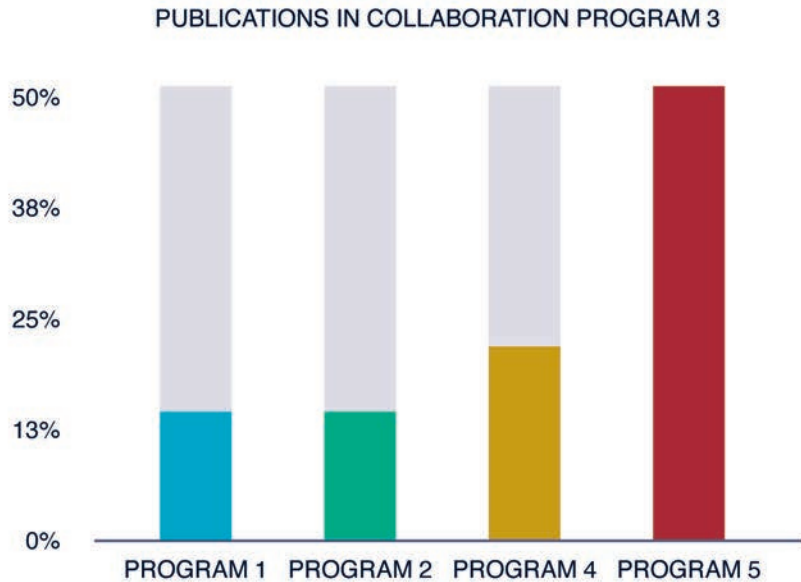
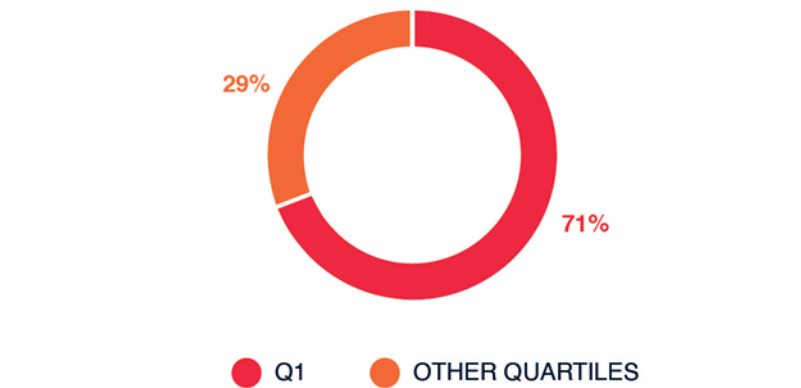
Research addressing transplantation and antimicrobial resistance has been extensive. Several studies examined mortality and resistance mechanisms in infections caused by carbapenem-resistant Enterobacterales and Pseudomonas, including the impact of novel β -lactam/ β -lactamase inhibitor combinations. Investigations have also analyzed the genetic background of aminoglycoside resistance across bacterial lineages. In transplantation, efforts included improving access equity to liver transplants through refined severity scores, evaluating invasive fungal infections and their management in solid organ

recipients, and comparing antifungal regimens such as isavuconazole versus voriconazole. Further studies focused on advanced techniques in lung transplantation, updated guidelines for cytomegalovirus management in transplant patients, and long-term impacts of antimicrobial stewardship programs on resistant *Klebsiella pneumoniae* infections. Together, these findings emphasize both the complexity of antimicrobial resistance and the evolving challenges in transplantation medicine.

» HIGHLIGHTS IN 2024

- No. of PUBLICATIONS: 96
- Own: 41%
 - No. of collaborative publications: 10
 - IF: 516.90
 - Q1 (including D1): 71%
 - D1: 32%
- No. of ONGOING PROJECTS: 26
- N° of collaborative projects: 10
- No. of ONGOING CLINICAL TRIALS: 23

» PROGRAM 3



SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» GENERAL GOALS

Cancer continues to be one of the leading causes of morbidity and mortality worldwide, with both incidence and death rates steadily increasing. This rise is largely driven by population aging, which fuels the growing annual burden of the disease. While advances in cancer research have improved treatment outcomes for certain tumor types, there remains an urgent need to deepen molecular insights and to develop more effective strategies for prevention, early detection, and diagnosis in many others.

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 early detection of malignancies, the identification of novel biomarkers and therapeutic targets, the development of innovative treatment strategies, and the optimization of immunotherapy protocols. A defining feature of the program is the integration of artificial intelligence (AI), which is used to uncover hidden patterns in complex datasets, refine diagnostic capabilities, and personalize therapeutic approaches. By leveraging AI and other cutting-edge technologies, the program has successfully attracted competitive funding and produced a strong output of publications in leading high-impact journals.

In 2024, the Program consolidated its goals with substantial achievements. Notably, it generated 132 scientific publications, either independently or in collaboration with national and international partners. It also oversaw 62 active research projects, all funded through competitive calls, and conducted 154 clinical trials across multiple phases, covering a broad spectrum of tumor types and therapeutic approaches. These accomplishments underscore the program's commitment to excellence in cancer research and its impact on advancing precision oncology.

The research developed within this program during the past year has encompassed a broad range of topics, including:

- Identification of biomarkers and prognostic factors across multiple cancer types (pancreatic, liver, prostate, postpartum breast cancer, neuroendocrine tumors, oligodendrogliomas, craniopharyngiomas, pheochromocytomas, acute myeloid leukemia), including multi-omic approaches and liquid biopsy.
- Molecular mechanisms of tumor progression, focusing on alternative splicing, RNA metabolism, MAPK/ERK pathways, metabolic reprogramming, S-nitrosylation, tRNA biogenesis, and the interplay between obesity, inflammation, and cancer.
- Development of innovative therapies, including oncolytic virotherapy based on Vaccinia virus, optimized CAR-T therapies, and epitranscriptomic strategies for chemosensitization.
- Precision diagnostics and personalized medicine platforms, integrating proteomics, radiomics, artificial intelligence, and predictive models for risk stratification, surgical planning, and prediction of response to immunotherapy and chemotherapy.
- Psychosocial and comorbidity management, including ultra-brief psychological interventions, nutrition and exercise programs in oncologic sarcopenia, and remote monitoring through e-health tools.
- Multicenter collaborative studies for nomogram validation, discovery of novel therapeutic targets, and improvement of clinical practice in various oncological settings.

» 5 HIGHLIGHTED PUBLICATIONS

1. Montero-Hidalgo AJ, Jiménez-Vacas JM, Gómez-Gómez E, Porcel-Pastrana F, Sáez-Martínez P, Pérez-Gómez JM, Fuentes-Fayos AC, Blázquez-Encinas R, Sánchez-Sánchez R, González-Serrano T, Castro E, López-Soto PJ, Carrasco-Valiente J, Sarmento-Cabral A, Martínez-Fuentes AJ, Eyrales E, Castaño JP, Sharp A, Olmos D, Gahete MD, Luque RM. SRSF6 modulates histone-chaperone HIRA splicing to orchestrate AR and E2F activity in prostate cancer. SCIENCE ADVANCES. 2024. DOI: 10.1126/sciadv.ado8231. IF: 12,5 Q1 D1

2. García-Alfonso P, Elez E, Soto-Alsar J, Páez D, Fernández-Montes A, Graña B, Salud A, Yubero A, Gómez-España MA, Macías I, Quintero G, López-López C, Fernández-Rodríguez T, Grávalos C, González-Flores E, Guix M, Paredes BG, Reina JJ, Mowbray JRR, Sastre J, Aranda E. Maintenance with 5-FU/LV-aflibercept after induction with FOLFIRI-aflibercept versus FOLFIRI-aflibercept until progression as second-line treatment in older adults with metastatic colorectal cancer: the AFEMA phase II randomized trial. ESMO OPEN. 2024. DOI: 10.1016/j.esmoop.2024.103986. IF: 8,3 Q1 D2

3. Martell MB, Linton-Reid K, Hindocha S, Chen M, Moreno P, Alvarez-Benito M, Salvatierra A, Lee R, Posma JM, Calzado MA, Aboagye EO. Deep representation learning of tissue metabolome and computed tomography annotates NSCLC classification and prognosis. NPJ PRECISION ONCOLOGY. 2024. DOI: 10.1038/s41698-024-00502-3. IF: 8.0 Q1 D2.

4. Hermán-Sánchez N, G-García ME, Jiménez-Vacas JM, Yubero-Serrano EM, López-Sánchez LM, Romero-Martín S, Raya-Povedano JL, Alvarez-Benito M, Castaño JP, Luque RM, Gahete MD. The splicing machinery is dysregulated and represents a therapeutic vulnerability in breast cancer. CELLULAR AND MOLECULAR LIFE SCIENCES. 2024. DOI: 10.1007/s00018-024-05515-6. IF: 6,2 Q1 D2

5. Alors-Pérez E, Pedraza-Arevalo S, Blázquez-Encinas R, García-Vioque V, Agraz-Doblas A, Yubero-Serrano EM, Sánchez-Frías ME, Serrano-Blanch R, Gálvez-Moreno MA, Gracia-Navarro F, Gahete MD, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Altered CELF4 splicing factor enhances pancreatic neuroendocrine tumors aggressiveness influencing mTOR and everolimus response. MOLECULAR THERAPY NUCLEIC ACIDS. 2024. -. DOI: 10.1016/j.omtn.2023.102090. IF: 6,1 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 2024

No. of PUBLICATIONS: **132**

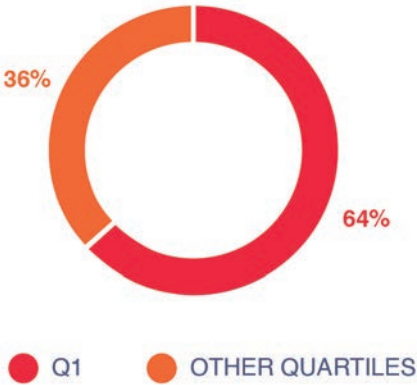
- Own: **57%**
- N° of collaborative publications: **32**
- IF: **714.99**
- Q1 (including D1): **64%**
- D1: **20%**

No. of ONGOING PROJECTS: **62**

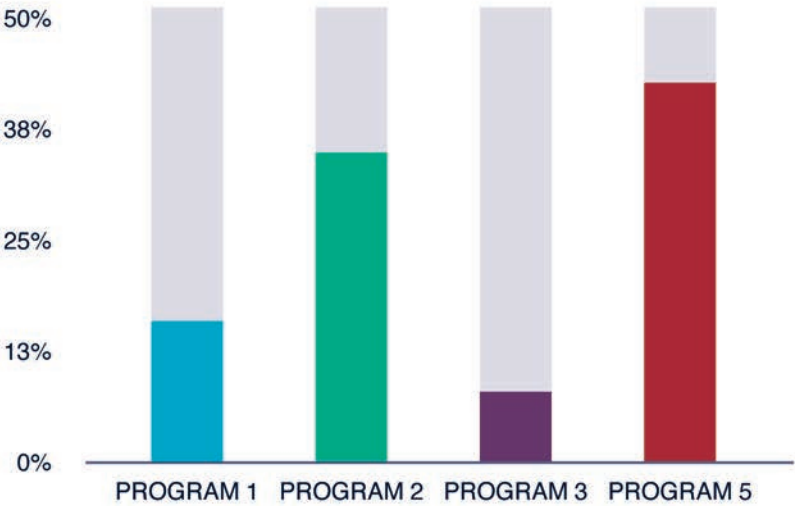
- N° of collaborative projects: **32**

No. of ONGOING CLINICAL TRIALS: **154**

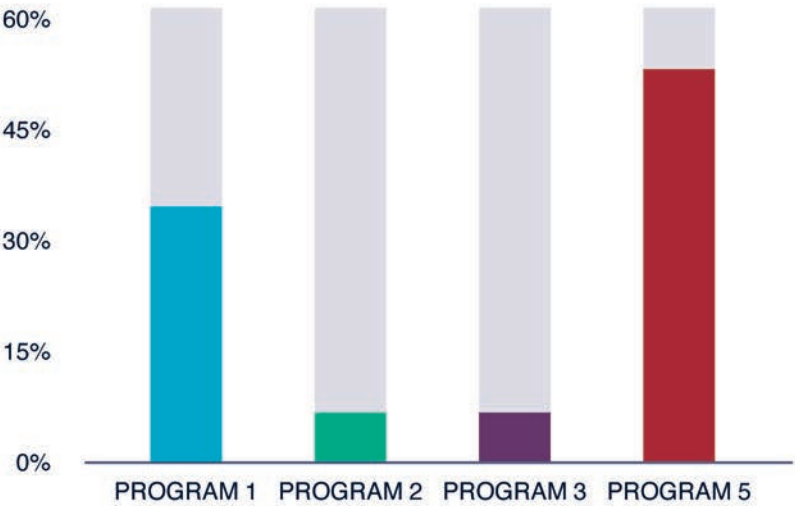
» PROGRAM 4



PUBLICATIONS IN COLLABORATION PROGRAM 4



PROJECTS IN COLLABORATION PROGRAM 4



SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» GENERAL GOALS

The increase in life expectancy among the general population has led to a rise in the incidence of chronic and inflammatory diseases. This trend significantly affects the quality of life for those impacted and has important implications for their ability to contribute to society. Additionally, the chronic nature of these conditions results in a considerable portion of healthcare budgets being devoted to their management.

- In light of these challenges, our program aims to tackle chronic diseases through three main approaches:
- Enhancing our understanding of these illnesses by exploring their molecular foundations.
 - Leveraging this knowledge to develop innovative therapeutic strategies aimed at improving patient prognosis and disease management.
 - Creating preventive measures to delay or prevent the onset and progression of these disorders.

Our program aims to create comprehensive clinical and molecular profiles that clarify the development of chronic diseases and their comorbidities. We are deeply committed to developing innovative therapeutic solutions that can be administered safely and effectively for continuous disease management and follow-up care. In 2024, a novel emerging group (GE-11), joined Program 5 that increasing it to 13 research groups (8 consolidated, 2 emerging, and 3 associated).

The program’s teams produced a substantial number of basic, clinical, and translational research articles across various subprogram areas. Notably, there was a significant increase in publications included in the top quartile of their fields, reaching 61% of total publications this year. Additionally, the proportion of journals in the top decile within their areas rose to 17% of total publications. Achieving the program’s 2024 objectives was largely due to the launch of numerous research projects at international, national, and regional levels, made possible by competitive funding secured by the participating research groups. Approximately 17% of the published articles resulted from close collaboration across multiple research groups in different subprograms, with crucial contributions from emerging and associated groups. In this line, the publications largely stemmed from well-established national and international multicenter projects. Finally, the application of new technologies and multiomic analyses, supported by bioinformatic tools such as machine learning and artificial intelligence, alongside the use of animal models to explore disease mechanisms and therapeutic responses, significantly advanced research in the field. These efforts support the ultimate objective of implementing a personalized medicine approach.

» HIGHLIGHTED PUBLICATIONS

1. Gonzalez-Manzanares R, Anguita-Gámez M, Muñiz J, Barrios V, Gimeno-Orna JA, Pérez A, Rodríguez-Padial L, Anguita M. Prevalence and incidence of heart failure in type 2 diabetes patients: results from a nationwide prospective cohort-the DIABET-IC study. CARDIOVASCULAR DIABETOLOGY. 2024. DOI: 10.1186/s12933-024-02358-0. IF: 10,6 Q1 D1

2. Rodríguez-Perálvarez ML, de la Rosa G, Gómez-Orellana AM, Aguilera MV, Vicente TP, Pereira S, Ortiz ML, Pagano G, Suarez F, Grande RG, Cachero A, Tomé S, Barreales M, Mateos RM, Pascual S, Romero M, Bilbao I, Martín CA, Otón E, Diéguez LG, Espinosa MD, Milla AA, Fernández GB, Lorente S, Lavín AC, García AR, Cano CS, Cepeda-Franco C, Pons JA, Colmenero J, Guijo-Rubio D, Otero A, Navarrete AA, Moreno SR, Soler MR, Martínez CH, Gastaca M. GEMA-Na and MELD 3.0 severity scores to address sex disparities for accessing liver transplantation: a nationwide retrospective cohort study. ECLINICALMEDICINE. 2024. DOI: 10.1016/j.eclinm.2024.102737. IF: 10 Q1 D1

3. Lellig M, Rodríguez M, López-Baltanás R, Hermann J, Wollenhaupt J, Noels H, Zidek W, Tepel M, Mahfoud F, Jankowski J, Muñoz-Castañeda JR, Jankowski V. Pyridoxal-5'-phosphate: A cost-effective treatment candidate for hypertensive patients?. JOURNAL OF INTERNAL MEDICINE. 2024. 435-448. DOI: 10.1111/joim.20015. IF: 9,2 Q1 D1

4. Muñoz-Barrera L, Perez-Sanchez C, Ortega-Castro R, Corrales S, Luque-Tear M, Cerdó T, Sanchez-Pareja I, Font P, Lopez-Mejías R, Calvo J, Abalos-Aguilera MC, Ruiz-Vilchez D, Segui P, Merlo C, Perez-Venegas J, Montesino MDR, Rodríguez-Escalera C, Barco CR, Fernandez-Nebro A, Vazque NM, Marengo JL, Montañes JU, Godoy-Navarrete J, Cabezas-Lucena AM, Estevez EC, Aguirre MA, González-Gay MA, Barbarroja N, Escudero-Contreras A, Lopez-Pedrerá C. Personalized cardiovascular risk assessment in Rheumatoid Arthritis patients using circulating molecular profiles and their modulation by TNFi, IL6Ri, and JAKinibs. BIOMEDICINE & PHARMACOTHERAPY. 2024. DOI: 10.1016/j.biopha.2024.116357. IF: 7,5 Q1 D1

5. Pena-Garcia MV, Moyano-Gallego MJ, Gómez-Melero S, Molero-Payán R, Rodríguez-Cantalejo F, Caballero-Villarraso J. One-Year Impact of Occupational Exposure to Polycyclic Aromatic Hydrocarbons on Sperm Quality. ANTIOXIDANTS. 2024. DOI: 10.3390/antiox13101181. IF: 6,6 Q1 D2

*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 highlights advances in surgical techniques, outcomes of valve implantation, and mechanical support strategies for patients awaiting transplant. Studies also address the interplay between diabetes, obesity, and cardiovascular health, with special emphasis on heart failure and critical illness outcomes.
- 2) **Diseases of the Musculoskeletal System and Connective Tissue**
Several studies focus on spondyloarthritis, rotator cuff tears, and bone metabolism, integrating biomarkers and inflammatory pathways. Clinical trials and scoping reviews assess the effectiveness of exercise-based interventions and biologic therapies in musculoskeletal disorders.
- 3) **Neurological Diseases and Mental Health**
Investigations explore the role of endocannabinoids in neuroprotection, quality-of-life assessments in multiple sclerosis, and uncertainty linked to chronic neurological conditions. Broader analyses also evaluate the relationship between sleep disorders and metabolic changes in neurological health.
- 4) **Kidney and Urological Diseases**
Research addresses chronic kidney disease progression, replacement therapies, and metabolic complications. Pilot studies investigate supplements such as magnesium for bone and vascular health in CKD patients, alongside registry analyses on changes in dialysis and transplantation trends.
- 5) **Liver and Digestive Diseases**
Studies assess the effectiveness of calcifediol and corticosteroids in COVID-19 patients, with implications for liver and metabolic health. Broader research also examines systemic consequences of digestive dysfunctions.
- 6) **Chronic Inflammation and Signalling**
A range of projects explore immune-mediated processes across conditions, including alopecia areata, asthma, and systemic inflammatory biomarkers. The evaluation of biologics such as bimekizumab further reflects the focus on novel anti-inflammatory strategies. 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
Radiodiagnostic approaches serve as a transversal tool across multiple disciplines, enabling precise evaluation of disease progression, therapeutic response, and prognostic assessment in cardiovascular, musculoskeletal, neurological, renal, and inflammatory conditions. The group’s research efforts led to a substantial number of articles, produced through independent projects as well as collaborations with other IMIBIC groups in the fields of cancer, cardiovascular, autoimmune, neurological, and kidney diseases, with support from the Andalusian Regional Department of Health and the National Health Research Fund.

» HIGHLIGHTS IN 2024

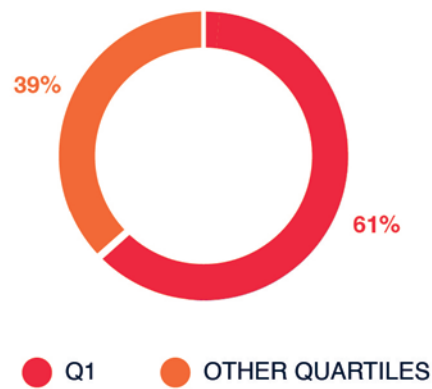
No. of PUBLICATIONS: 196

- Own: **46%**
- No. of collaborative publications: **34**
- IF: **1,032.20**
- Q1 (including D1): **61%**
- D1: **17%**

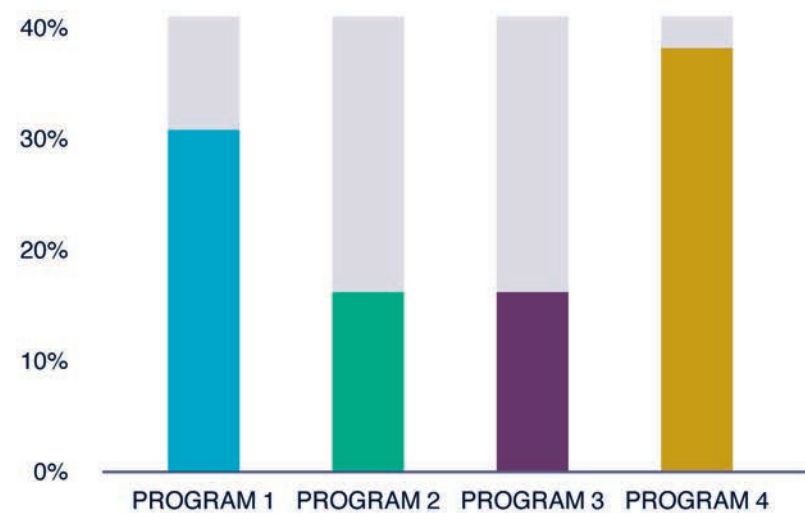
No. of ONGOING PROJECTS: 63

- N° of collaborative projects: **33**

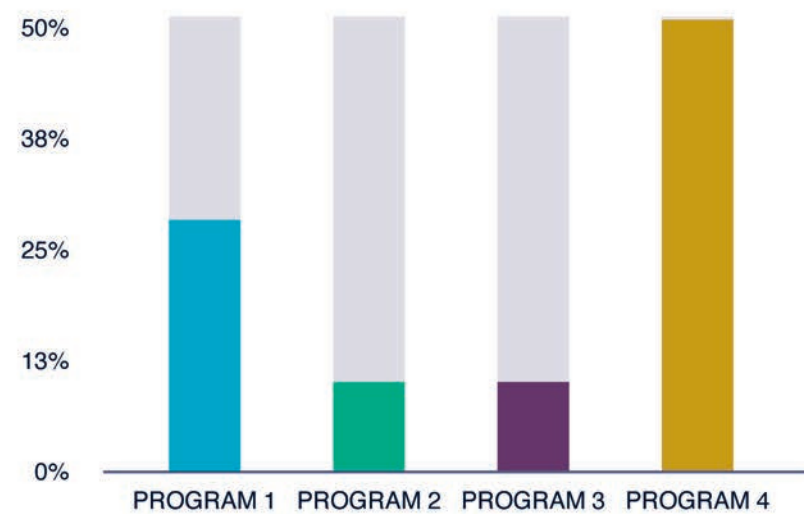
No. of ONGOING CLINICAL TRIALS: 163



PUBLICATIONS IN COLLABORATION PROGRAM 5



PROJECTS IN COLLABORATION PROGRAM 5



8.2. SCIENTIFIC GROUPS

GC01:

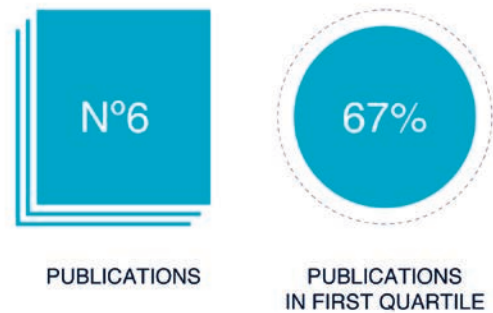
IMMUNOLOGY AND ALLERGY

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» 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	María del Pilar	R3	
Aguado	Álvarez	Rocío	R2	
Álvarez	Heredia	Pablo	R2	
Barasona	Villarejo	María José	R2	
Calleja	Antolín	Sara	R2	
Campanero	Carrasco	Ignacio	R2	
González	Fernández	Rafael	R2	
Hassouneh		Fakhri	R2	
Manzanares	Martin	Bárbara	R2	
Molina	Alcaide	Juan Eduardo	R2	
Navas	Romo	Ana Maria	R2	
Saiz	Sánchez	Vanessa	R2	
Álvarez	Romero	Paula	R1	
Bernardo	Serrano	Raquel	R1	
Blanco	Toledano	Nadine	R1	
Costa	Anzola	Antonio	R1	
Esther Irene	Reina	Alfonso	R1	
Trujillo	Aguilera	Antonio	R1	
Cañones	Castello	María Estrella	N	
Guerra	González	Mercedes	N	
Velarde	Martínez	María Luisa	ADM	
Gutiérrez	González	Carmen María	T	

» 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. Alvarez P, Aguado R, Molina J, Trujillo-Aguilera A, Villalba M, Díaz-Perales A, Oeo-Santos C, Chicano E, Blanco N, Navas A, Ruiz-León B, Jurado A. Pollen-Food Allergy Syndrome: From Food Avoidance to Deciphering the Potential Cross-Reactivity between Pru p 3 and Ole e 7. NUTRIENTS. 2024. DOI: 10.3390/nu16172869.
IF: 4,8 Q1 D2

2. Herrera-Martínez AD, Jiménez CM, Romo AN, Aguilera JL, Crespin MC, Baena BT, Casado-Díaz A, Moreno MAG, Puerta MJM, Roger AJ. Nutritional Support Reduces Circulating Cytokines in Patients with Heart Failure. NUTRIENTS. 2024. DOI: 10.3390/nu16111637.
IF: 4,8 Q1 D2

3. Herrera-Martínez AD, Romo AN, León-Idougourram S, Muñoz-Jiménez C, Rodríguez-Alonso R, García GM, Camacho-Cardenosa M, Casado-Díaz A, Gálvez-Moreno MA, Puertas MJM, Roger AJ. Systemic Inflammation in Oncologic Patients Undergoing Systemic Treatment and Receiving Whey Protein-Based Nutritional Support. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. DOI: 10.3390/ijms25115821.
IF: 4,9 Q1 D3

4. García-Bravo L, Prada A, Larrañaga MG, Ros EE, González DA, Martínez DM, Sánchez TR, Gámez CGM, Roger AJ, Alvarez RA, Luna MDD, Hernández CR, de la Varga-Martínez R, López-Cueto M, Benique MRJ, San José-Cascón M, Quirant-Sánchez B, Martínez-Chamorro A, Marcaida-Benito G, Timoneda PTT, Sánchez MF, Enciso BS, Mohamed KM, Guerra-Galán T, Villegas A, Roncancio-Clavijo A, Rodríguez-Mahou M, Sánchez-Ramón S, Fernández-Arquero M, Candelas-Rodríguez G, Ochoa-Grullón J, GEAI-SEI Grp. Increased Risk of Myositis-Specific and Myositis-Associated Autoantibodies After COVID-19 Pandemic and Vaccination: A Spanish Multicenter Collaborative Study. BIOMEDICINES. 2024. DOI: 10.3390/biomedicines12122800.
IF: 3,9 Q1 D3

5. Alvarez-Heredia P, Reina-Alfonso I, Domínguez-del-Castillo JJ, Hassouneh F, Gutiérrez-González C, Batista-Duharte A, Pérez AB, Sarramea F, Jaén-Moreno MJ, Camacho-Rodríguez C, Tarazona R, Solana R, Molina J, Pera A. Spanish HCMV Seroprevalence in the 21st Century. VIRUSES-BASEL. 2024. DOI: 10.3390/v16010006.
IF: 3,8 Q2 D5

» ACTIVITY:

- N° ONGOING PROJECTS: 5
- N° CLINICAL TRIALS: 3

» ADDITIONAL INFORMATION:

- NETWORKS: 5
 1. REIPI - Spanish Network for Research in Infectious Diseases (Collaborator)
 2. REI (Red de Enfermedades Inflamatorias) 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)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 9
 1. SAS_ACCIÓN A- (SERVICIO ANDALUZ DE SALUD)- AURORA JURADO ROGER
 2. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2021- (INSTITUTO DE SALUD CARLOS III) - ANA MARÍA NAVAS ROMO

3. PAIDI 2020 – AYUDAS A LA CONTRATACIÓN DE PERSONAL INVESTIGADOR DOCTOR POR PARTE DE LAS UNIVERSIDADES Y ENTIDADES PÚBLICAS DE INVESTIGACIÓN 2019- (CONSEJERÍA DE UNIVERSIDAD, INVESTIGACIÓN E INNOVACIÓN) - FAKHRI HASSOUNEH
4. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2020- (INSTITUTO DE SALUD CARLOS III) - PABLO ALVAREZ HEREDIA
5. CONVOCATORIA DE INCORPORACIÓN DE INVESTIGADORES POSDOCTORALES A GRUPOS DE LOS CENTROS SANITARIOS Y DE INVESTIGACIÓN DEL SSPA- (CONSEJERÍA DE SALUD Y CONSUMO) - BÁRBARA MANZANARES MARTÍN
6. CO-FINANCIACIÓN PROYECTO P2Med-IMIBIC- (UNIVERSIDAD DE CORDOBA) - ALEXANDER BATISTA DUHARTE
7. MIGUEL SERVET RESEARCH CONTRACT PROGRAM. INSTITUTO DE SALUD CARLOS III, EUROPEAN UNION. ALEXANDER BATISTA DUHARTE
8. SAS_ACCIÓN A- (SERVICIO ANDALUZ DE SALUD)- BERTA RUIZ LEÓN
9. SAS_ACCIÓN B (SERVICIO ANDALUZ DE SALUD)- ANA NAVAS ROMO

- 4 AGREEMENTS WITH COMPANIES

- INTERNATIONAL PROJECTS: 1
 1. AURORA JURADO ROGER. The genetic and immunological determinants of childhood lupus nephritis. Funding Agency: Lupus Research Alliance. Reference: 23-1251.

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	José Luis	R3
Peinado	Peinado	José	R3
Poyato	González	Antonio	R3
Amado	Torres	Víctor	R2
Guerrero	Misas	Marta	R2
González	Rubio	Sandra	R2
Linares	Luna	Clara Isabel	R2
Vida	Pérez	Luis	R2
Ayllón	Gavilán	Rafael	R1
Benítez	Cantero	José Manuel	R1
Gros	Alcalde	Beatriz	R1
Espejo	Cruz	Mª Lola	R1
Fernández	González	Rocío	R1
Iglesias	Flores	Eva	R1
Medina	Medina	Rosario	R1
Prieto	Torre	María	R1
Zamora	Olaya	Javier Manuel	R1
Gómez	Núñez	Mª Isabel	T

» SCIENTIFIC PRODUCTION



» KEYWORDS:

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

» HIGHLIGHTED PUBLICATIONS:

- Gros B, Blackwell J, Segal J, Black CJ, Ford AC, Din S. Harms with placebo in trials of biological therapies and small molecules as maintenance therapy in inflammatory bowel disease: a systematic review and meta-analysis. Lancet Gastroenterol Hepatol. 2024; 9(11):1030-1040. doi: 10.1016/S2468-1253(24)00233-4. IF 30,9 Q1 D1
- Rodríguez-Perálvarez ML, de la Rosa G, Gómez-Orellana AM, Aguilera MV, Pascual Vicente T, Pereira S, Ortiz ML, Pagano G, Suarez F, González Grande R, Cachero A, Tomé S, Barreales M, Martín Mateos R, Pascual S, Romero M, Bilbao I, Alonso Martín C, Otón E, González Diéguez L, Espinosa MD, Arias Milla A, Blanco Fernández G, Lorente S, Cuadrado Lavín A, Redín García A, Sánchez Cano C, Cepeda-Franco C, Pons JA, Colmenero J, Guijo-Rubio D, Otero

A, Amador Navarrete A, Romero Moreno S, Rodríguez Soler M, Hervás Martínez C, Gastaca M. GEMA-Na and MELD 3.0 severity scores to address sex disparities for accessing liver transplantation: a nationwide retrospective cohort study. EClinicalMedicine. 2024; 74:102737. doi: 10.1016/j.eclinm.2024.102737.

- IF 9,6 Q1 D1
- Martin-Mateos R, Martínez-Arenas L, Carvalho-Gomes Á, Aceituno L, Cadahía V, Salcedo M, Arias A, Lorente S, Odriozola A, Zamora J, Blanes M, Len Ó, Benítez L, Campos-Varela I, González-Diéguez ML, Lázaro DR, Fortún J, Cuadrado A, Carrasco NM, Rodríguez-Perálvarez M, Álvarez-Navascues C, Fábrega E, Serrano T, Cuervas-Mons V, Rodríguez M, Castells L, Berenguer M, Graus J, Albillos A. Multidrug-resistant bacterial infections after liver transplantation: Prevalence, impact, and risk factors. J Hepatol. 2024; 80(6):904-912. doi: 10.1016/j.jhep.2024.02.023. IF: 26,8 Q1 D1
 - Ferreiro-Iglesias R, Porto Silva S, Marín S, Casanova MJ, Mañosa M, González-Muñoz C, de Francisco R, Caballol B, Arias L, Piqueras M, Zabana Y, Rivero M, Calvet X, Mesonero F, Varela Trastoy P, Busta Nistal R, Gómez Perosanz R, Vega P, Gonzalez-Vivo M, Iborra M, Bermejo F, Madero L, Rodríguez-Lago I, Rodríguez Gonzalez M, Vera I, Ponferrada Díaz Á, Vela M, Torrealba Medina L, Van Domselaar M, Gomollón F, Iglesias E, Gisbert JP, Calafat M, Giordano A, Pérez-Martínez I, Ricart E, Sicilia B, Mena R, Esteve M, Rivas C, Brunet-Mas E, Fernández C, de Jorge Turrión MÁ, Velayos Jiménez B, Quiñones Calvo M, Regueiro Expósito C, Márquez-Mosquera L, Nos P, Granja A, Gutiérrez A, Cabriada JL, Hervías Cruz D, Calvo M, Pérez Pérez J, Rodríguez Díaz Y, Busquets Casal D, Menacho M, Leal C, Lucendo AJ, Royo V, Olivares S, Álvarez Herrero B, Carrillo-Palau M, Gilabert Álvarez P, Manceñido Marcos N, Martínez-Pérez TJ, Muñoz Villafranca MC, Almela P, Argüelles-Arias F, Legido J, Fuentes Coronel AM, Nieto L, Domènech E, Barreiro-de Acosta M; ENEIDA project sponsored by GETECCU. Need for therapeutic escalation in patients with refractory ulcerative proctitis: Results from the PROCU study of the ENEIDA registry. Aliment Pharmacol Ther. 2024; 60(5):604-612. doi: 10.1111/apt.18133. IF 6,6 Q1 D1
 - Gómez-Labrador C, Ricart E, Iborra M, Iglesias E, Martín-Arranz MD, de Castro L, De Francisco R, García-Alonso FJ, Sanahuja A, Gargallo-Puyuelo CJ, Mesonero F, Casanova MJ, Mañosa M, Rivero M, Calvo M, Sierra-Ausin M, González-Muñoz C, Calvet X, García-López S, Guardiola J, Arias García L, Márquez-Mosquera L, Gutiérrez A, Zabana Y, Navarro-Llavat M, Lorente Poyatos R, Piqueras M, Torrealba L, Bermejo F, Ponferrada-Díaz Á, Pérez-Calle JL, Barreiro-de Acosta M, Tejido C, Cabriada JL, Marín-Jiménez I, Roncero Ó, Ber Y, Fernández-Salazar L, Camps Aler B, Lucendo AJ, Llaó J, Bujanda L, Muñoz Villafranca C, Domènech E, Chaparro M, Gisbert JP. Trends in Targeted Therapy Usage in Inflammatory Bowel Disease: TRENDY Study of ENEIDA. Pharmaceutics. 2024; 16(5):629. doi: 10.3390/pharmaceutics16050629. IF 4.9 Q1
- » CLINICAL GUIDES:
- Bilbao I, Lladó L, Cachero A, Campos-Varela I, Colmenero J, Del Hoyo J, Fábrega García E, García-Pajares F, González Diéguez L, González Grande R, Guiberteau Sánchez A, Hernández Oliveros F, Herrero Santos JI, Lorente S, Martín Mateos R, Mesa López MJ, Montero Álvarez JL, Muñoz Codoceo C, Otero Ferreiro A, Otón Nieto E, Rodríguez Soler M, Romero Cristóbal M, Sastre Oliver L, Senosiain Labiano M, Sousa Martín JM, Trapero-Marugán M, Varo E, de la Rosa G, Rodríguez-Perálvarez M* (corresponding author); First consensus document of waiting list prioritization for liver transplantation by the Spanish Society of Liver Transplantation (SETH); Rev Esp Enferm Dig; Año: 2024; DOI: 10.17235/reed.2024.10639/2024
- » ACTIVITY:
- Nº ONGOING PROJECTS: 5
 - Nº CLINICAL TRIALS: 32
 - Nº PHD THESES: 1
 - Nº PATENTS: 1
- » ADDITIONAL INFORMATION:
- NETWORKS: 4
 - CIBER de enfermedades hepáticas y digestivas (CIBERehd)
 - Grupo Español de Trabajo de Enfermedad de Crohn y Colitis Ulcerosa (GETECCU)
 - PAIDI CTS-273
 - PAIDI BIO-216
 - COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 6
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2023- (INSTITUTO DE SALUD CARLOS III) - RAFAEL AYLLÓN GAVILÁN. EXPEDIENTE: FI23/00163.
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2023- (INSTITUTO DE SALUD CARLOS III) - BEATRIZ GROS ALCALDE. EXPEDIENTE: CM23/00049.
 - MINISTRY OF EMPLOYMENT AND SOCIAL ECONOMY-SEPE/EUROPEAN UNION NEXTGENERATIONEU - PROGRAMA INVESTIGO – ÁLVARO RUIZ RAMAS.
 - MINISTRY OF EMPLOYMENT AND SOCIAL ECONOMY-SEPE/EUROPEAN UNION NEXTGENERATIONEU - PROGRAMA INVESTIGO – PEDRO MIRA NÚÑEZ.
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2019- (INSTITUTO DE SALUD CARLOS III) - MARIA LOLA ESPEJO CRUZ. EXPEDIENTE: FI19/00357.
 - CONVOCATORIA DE INCORPORACIÓN DE INVESTIGADORES POSDOCTORALES A GRUPOS DE LOS CENTROS SANITARIOS Y DE INVESTIGACIÓN DEL SSPA- (CONSEJERÍA DE SALUD Y CONSUMO) - SANDRA GONZALEZ RUBIO.

SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
De La Torre	Cisneros	Julian Carlos	R4	0000-0003-1529-6302
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	
Nácher	Vázquez	Montserrat	R2	
Natera	Kindelan	Clara	R2	
Páez	Vega	Aurora	R2	
Vidal	Verdú	Elisa	R2	
De La Torre	Giménez	Álvaro	R1	
Fernández	Moreno	Raquel	R1	
Gálvez	Soto	Víctor	R1	
Marín	Sanz	Juan Antonio	R1	
Méndez	Natera	Alejandra	R1	
Puyana	Gago	Manuel	R1	
Puyana	Rodríguez	Jose Manuel	R1	
Recio	Rufián	Manuel	R1	
Ruiz	Arabi	Elisa	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



PUBLICATIONS



PUBLICATIONS IN FIRST DECILE



PUBLICATIONS IN FIRST QUARTILE

» KEYWORDS:

Cytomegalovirus	Transplantation
Multidrug-resistant microorganisms	Specific immune response
Immunopathology	

» HIGHLIGHTED PUBLICATIONS:

1. López-Cortés LE, Delgado-Valverde M, Moreno-Mellado E, Aguirre JG, Carrión LG, Vidal MJB, Soria LML, Pérez-Rodríguez MT, Lamas LM, de las Revillas FA, Arminanzas C, de Alegría-Puig CR, Aguilar PJ, Martínez-Rubio MD, Sáez-Bejar 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, Cuervo G, Laso JMG, Plata A, Cortés SP, Mato PL, Monzón JLS, Rosso-Fernández C, Bravo-Ferrer J, Retamar-Gentil P, Rodríguez-Baño J. Efficacy and safety of a structured de-escalation from antipseudomonal β-lactams in bloodstream infections due to Enterobacterales (SIMPLIFY): an open-label, multicentre, randomised trial. LANCET INFECTIOUS DISEASES. 2024. 375-385. DOI: 10.1016/S1473-3099(23)00686-2. IF: 36,4 Q1 D1

2. Maldonado N, López-Hernández I, García-Montaner A, López-Cortés LE, Pérez-Crespo PMM, Retamar-Gentil P, Sousa-Domínguez A, Goikoetxea J, Pulido-Navazo A, Labayru-Echeverría C, Natera-Kindelán C, Jover-Sáenz A, del Arco-Jiménez A, Armiñanzas-Castillo C, Aller AI, Fernández-Suárez J, Marrodán-Ciordia T, Boix-Palop L, Smithson-Amat A, Reguera-Iglesias JM, Galán-Sánchez F, Bahamonde A, Calvo JMS, Gea-Lázaro I, Pérez-Camacho I, Reyes-Bertos A, Becerril-Carral B, Rodríguez-Baño J, Pascual A. Whole-genome characterisation of Escherichia coli isolates from patients with bacteraemia presenting with sepsis or septic shock in Spain: a multicentre cross-sectional study. LANCET MICROBE. 2024. e390-e399. DOI: 10.1016/S2666-5247(23)00369-5. IF: 20,9 Q1 D1

3. Kimura M, Rinaldi M, Kothari S, Giannella M, Anjan S, Natori Y, Phoompoung P, Gault E, Hand J, D’Asaro M, Neofytos D, Mueller NJ, Kremer AE, Rojko T, Ribnikar M, Silveira FP, Kohl J, Cano A, Torre-Cisneros J, San-Juan R, Aguado JM, Mansoor AE, George IA, Mularoni A, Russell G, Luong ML, AlJishi YA, AlJishi MN, Hamandi B, Selzner N, Husain S. Invasive aspergillosis in liver transplant recipients in the current era. Am J Transplant. 2024 Nov;24(11):2092-2107. DOI: 10.1016/j.ajt.2024.05.016. Epub 2024 May 25. PMID: 38801991 IF: 8,9 Q1 D1

4. López-Viñau T, Muñoz-Rosa M, Ruiz-Lara LM, García-Martínez L, Machuca I, Gracia-Ahufinger I, Montero RR, Castón JJ, Cano Á, Ruiz-Arabi E, Del Prado JR, Salcedo I, Martínez-Martínez L, Torre-Cisneros J. Long-Term Clinical and Ecological Impact of an Antimicrobial Stewardship Program on the Incidence of Carbapenem-Resistant Klebsiella pneumoniae Infections in a High-Endemic Hospital. Antibiotics (Basel). 2024 Aug 23;13(9):792. DOI: 10.3390/antibiotics13090792. PMID: 39334967; PMCID: PMC11429328. IF: 4,3 Q1 D2

5. Ruiz-Arabi E, Torre-Cisneros J, Aguilera V, Alonso R, Berenguer M, Bestard O, Bodro M, Cantisán S, Carratalà J, Castón JJ, Cordero E, Facundo C, Fariñas MC, Fernández-Alonso M, Fernández-Ruiz M, Fortún J, García-Cosío MD, Herrera S, Iturbe-Fernández D, Len O, López-Medrano F, López-Oliva MO, Los-Arcos I, Marcos MÁ, Martín-Dávila P, Monforte V, Muñoz P, Navarro D, Páez-Vega A, Pérez AB, Redondo N, Álvarez R R, Rodríguez-Benot A, Rodríguez-Goncer I, San-Juan R, Sánchez-Céspedes J, Valerio M, Vaquero JM, Viasus D, Vidal E, Aguado JM. Management of cytomegalovirus in adult solid organ transplant patients: GESITRA-IC-SEIMC, CIBERINFEC, and SET recommendations update. Transplant Rev (Orlando). 2024 Dec;38(4):100875. doi: 10.1016/j.trre.2024.100875. Epub 2024 Aug 5. PMID: 39168020 IF: 3,6 Q1 D3

» ACTIVITY:

- N° ONGOING PROJECTS: 6
- N° GRANTED PROJECTS IN 2024: 4
- N° CLINICAL TRIALS: 15
- N° PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 9
- 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: 10
 - SARA CANTISÁN: RB-0003-2022 SAS - RENOVACIÓN 2022 ACCIÓN B-CLÍNICOS INVESTIGADORES. Funding Agency: Consejería de Salud, Junta de Andalucía
 - ELENA PÉREZ NADALES - Contrato Profesor Sustituto Interino. Funding Agency: Universidad de Córdoba
 - RAQUEL FERNÁNDEZ MORENO - Contrato Predoctoral de Investigación en Formación del Plan Propio de la Universidad de Córdoba
 - ELISA RUIZ ARABI - Programa “Rio Hortega”. Funding Agency: Instituto de Salud Carlos III. Expediente: CM23/00194
 - MÍRIAM MARÍN SANZ - Programa “Sara Borrell”. Funding Agency: Instituto de Salud Carlos III. Expediente: CD24/00154
 - ISABEL MARÍA MACHUCA SÁNCHEZ - Contratos para la Intensificación de la Actividad Investigadora en el Sistema Nacional de Salud - Acción Estratégica en Salud 2024. Subprograma Estatal de Incorporación Expediente N.º: INT24/00059. Funding Agency: Instituto de Salud Carlos III
 - ALEJANDRA MÉNDEZ NATERA - INVESTIGO21_014. A cargo de Programa INVESTIGO21- FIBICO
 - JULIÁN DE LA TORRE CISNETOS - Refuerzo con RRHH de la actividad investigadora en las UGC del SAS. ACCIONES A Y B. Ayudas para Intensificación N.º Expediente: A1-0011-2023 Funding Agency: Servicio Andaluz de Salud
 - ELISA RUIZ ARABI - Ayudas para la movilidad de personal investigador contratado AES de la convocatoria 2024. N.º Expediente: MV24/00096 Funding Agency: Instituto de Salud Carlos III
 - VÍCTOR GÁVLEZ SOTO - Ayudas para la movilidad de personal investigador contratado AES de la convocatoria 2024. N.º Expediente: MV24/00077. Funding Agency: Instituto de Salud Carlos III
- 10 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS: 7
 - ISABEL MARIA 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
 - National Coordinator: Julián de la Torre Cisneros; European Clinical Research Alliance on Infectious Diseases – A pan-European Network against infectious diseases (ECRAID-BASE) Organismo o empresa financiadora: Comisión Europea (GA 965313); Convocatoria: H2020-SC1-BHC-2018-2020; Periodo de realización: 2021-2026
 - Julián de la Torre Cisneros (Coordinator); Efficacy of CMV prophylaxis with letermovir in lung transplant recipients (LETERCOR) NCT06057194; Organismo o empresa financiadora: MSD (Grant N. IISP 60363)
 - Isabel María Machuca Sánchez (Coordinator); Clinical success and tolerability of treatment with Imipenem-relebactam and best available therapy in patients with infections caused by carbapenem-resistant Pseudomonas aeruginosa strains (IMRECOR study); Organismo o empresa financiadora: MSD (Grant N. IISP 100824) Convocatoria: MSD-MISP Investigator Studies Program 2022; Periodo de realización: 2023-2026
 - Juan José Castón Osorio; Observational, retrospective, multicentric study to evaluate the efficacy and safety of meropenem/vaborbactam compared to the best available therapy in the treatment of infections produced by Klebsiella pneumonia carbapenemase (KPC) producing Enterobacteria (CARBAMEN STUDY). Código: FORM-000052075; Organismo o empresa financiadora: MENARINI; Periodo de realización: 2024 – 2026
 - Juan José Castón Osorio; Título: Impact of CMV-specific immune reconstitution at the end of letermovir prophylaxis on the development of late cytomegalovirus infection in hematopoietic stem cell transplant recipients (INMUNOEND Study). Código: FCO-INM-2024-04; Organismo o empresa financiadora: QIAGEN; Periodo de realización: 2024 – 2026
 - Juan José Castón Osorio; Título: Efficacy and safety of Cefiderocol for the treatment of serious infections caused by Stenotrophomonas maltophilia: a randomized, open-label, multicentre, phase 3 trial (STENOCOR trial); Organismo o empresa financiadora: Shionogi; Periodo de realización: 2024 – 2026

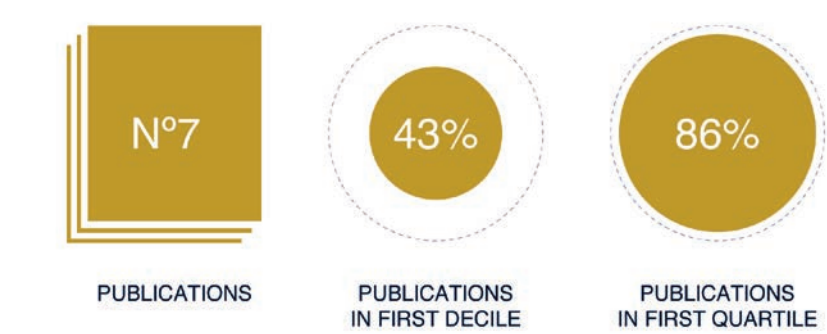
GC04: INFLAMMATION AND CANCER

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

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

- García-Martin A, Prados ME, Lastres-Cubillo I, Ponce-Díaz FJ, Cerero L, Garrido-Rodríguez M, Navarrete C, Pineda R, Rodríguez AB, Muñoz I, Moya J, Medeot A, Moreno JA, Chacón A, García-Revillo J, Muñoz E. Etrinabdione (VCE-004.8), a B55α activator, promotes angiogenesis and arteriogenesis in critical limb ischemia. J Transl Med. 2024 Nov 6;22(1):1003. DOI: 10.1186/s12967-024-05748-w.
IF: 6,1 Q2
- Boubnovski Martell M, Linton-Reid K, Hindocha S, Chen M, Moreno P, Álvarez-Benito M, Salvatierra Á, Lee R, Posma JM, Calzado MA*, Aboagye EO. Deep representation learning of tissue metabolome and computed tomography annotates NSCLC classification and prognosis. NPJ Precis Oncol. 2024 Feb 3;8(1):28. DOI: 10.1038/s41698-024-00502-3.*Corresponding Author
IF: 6,8 Q1 D2

3. Avendaño MS, Perdices-Lopez C, Guerrero-Ruiz Y, Ruiz-Pino F, Rodríguez-Sanchez AB, Sanchez-Tapia MJ, Sobrino V, Pineda R, Barroso A, Correa-Sáez A, Lara-Chica M, Fernandez-Garcia JC, García-Redondo AB, Hernanz R, Ruiz-Cruz M, Garcia-Galiano D, Pitteloud N, Calzado MA, Briones AM, Vázquez MJ, Tena-Sempere M. The evolutionary conserved miR-137/325 tandem mediates obesity-induced hypogonadism and metabolic comorbidities by repressing hypothalamic kisspeptin. Metabolism. 2024 Aug;157:155932. DOI: 10.1016/j.metabol.2024.155932
IF: 10,8 Q1 D1

4. López-Alcalá J, Gordon A, Trávez A, Tercero-Alcázar C, Correa-Sáez A, González-Rellán MJ, Rangel-Zúñiga OA, Rodríguez A, Membrives A, Frühbeck G, Nogueiras R, Calzado MA, Guzmán-Ruiz R, Malagón MM. Localization, traffic and function of Rab34 in adipocyte lipid and endocrine functions. J Biomed Sci. 2024 Jan 5;31(1):2. DOI: 10.1186/s12929-023-00990-8.
IF: 9 Q1 D1

5. Alonso-Pérez V, Hernández V, Calzado MA, Vicente-Blázquez A, Gajate C, Soler-Torronteras R, DeCicco-Skinner K, Sierra A, Mollinedo F. Suppression of metastatic organ colonization and antiangiogenic activity of the orally bioavailable lipid raft-targeted alkylphospholipid edelfosine. BIOMEDICINE & PHARMACOTHERAPY. 2024. -. DOI: 10.1016/j.biopha.2024.116149.
IF: 6,9 Q1 D1

» **ACTIVITY:**

- N° ONGOING PROJECTS: 7
- N° GRANTED PROJECTS IN 2024: 4
- N° CLINICAL TRIALS: 1
- N° PATENTS: 2

» **ADDITIONAL INFORMATION:**

- NETWORKS: 2
 1. PAIDI BIO-304
 2. Grupo Español de Hipoxia y RedHYPOX
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 7
 1. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO- ISABEL LASTRES CUBILLO
 2. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- PALOMA ALBA CANTALAPIEDRA
 3. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- IRENE AGUILERA VENTURA
 4. AYUDAS PARA LA FORMACIÓN DE PROFESORADO UNIVERSITARIO (FPU), MINISTERIO DE UNIVERSIDADES – LUCÍA SUANES COBOS
 5. AYUDAS PARA LA FORMACIÓN DE PROFESORADO UNIVERSITARIO (FPU), MINISTERIO DE UNIVERSIDADES – MIGUEL TORRES RAMOS
 6. AYUDAS PARA LA FORMACIÓN DE PERSONAL INVESTIGADOR (FPI), MINISTERIO DE CIENCIA Y TECNOLOGIA – FRANCISCO JOSÉ PONCE DIAZ
 7. AYUDAS PREDOCTORALES ASOCIACIÓN ESPAÑOLA CONTRA EL CÁNCER – ALEJANDRA SERRANO YUBERO
- 1 AGREEMENT WITH COMPANIES
- AWARDS: 1
 1. IRENE AGUILERA VENTURA. Premio a la Mejor Comunicación oral en XII Congreso Científico de Investigadores en Formación. Universidad de Córdoba. Fecha: 12/06/2024.

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
Collantes	Estévez	Eduardo	R4	0000-0002-7647-6289
Escudero	Contreras	Alejandro	R4	0000-0001-5891-5527
Aguirre	Zamorano	Mª Ángeles	R3	
Alburquerque	Sendín	Francisco	R3	
Barbarroja	Puerto	Nuria	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	
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	
Armenteros	Ortiz	Pedro José	R1	
Cuesta	López	Laura	R1	
Granados		Raquel María Ena	R1	
Martín	Salazar	Jesús Eduardo	R1	
Muñoz	Barrera	Laura	R1	
Ruiz	Vilchez	Desireé	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. Muñoz-Barrera L*, Perez-Sanchez C*, Ortega-Castro R, Corrales S, Luque-Tevar M, Cerdó T, Sanchez-Pareja I, Font P, Lopez-Mejías R, Calvo J, Abalos-Aguilera MC, Ruiz-Vilchez D, Segui P, Merlo C, Perez-Venegas J, Ruiz Montesino MD, Rodriguez-Escalera C, Barco CR, Fernandez-Nebro A, Vazque NM, Marengo JL, Montañes JU, Godoy-Navarrete J, Cabezas-Lucena AM, Estevez EC, Aguirre MA, González-Gay MA, Barbarroja N, Escudero-Contreras A*, Lopez-Pedrerá C*. Personalized cardiovascular risk assessment in Rheumatoid Arthritis patients using circulating molecular profiles and their modulation by TNFi, IL6Ri, and JAKinibs. BIOMEDICINE & PHARMACOTHERAPY. 2024. 173:116357. DOI: 10.1016/j.biopha.2024.116357.
IF: 6,9 Q1 D1

2. Cuesta-López L*, Escudero-Contreras A*, Hanaee Y, Pérez-Sánchez C, Ruiz-Ponce M, Martínez-Moreno JM, Pérez-Pampin E, González A, Plasencia-Rodríguez C, Martínez-Feito A, Balsa A, López-Medina C, Ladehesa-Pineda L, Rojas-Giménez M, Ortega-Castro R, Calvo-Gutiérrez J, López-Pedrerá C, Collantes-Estévez E, Arias-de la Rosa I*, Barbarroja N*. Exploring candidate biomarkers for rheumatoid arthritis through cardiovascular and cardiometabolic serum proteome profiling. Frontiers in Immunology. 2024. 1415:1333995. DOI: 10.3389/fimmu.2024.1333995.
IF: 5,7 Q1

3. López-Medina C, Calvo-Gutiérrez J, Ábalos-Aguilera MC, Cepas F, Plasencia-Rodríguez C, Martínez-Feito A, Balsa A, Faré-García R, Juan-Mas A, Ruiz-Esquide V, Sainz L, Díaz-Torné C, Godoy-Navarrete FJ, Añón-Oñate I, Mena-Vázquez N, Manrique-Arija S, Moreno-García MS, Ortega-Castro R, Escudero-Contreras A.. Exploring the influence of baseline rheumatoid factor levels on TNF inhibitor retention rate in patients with rheumatoid arthritis: a multicentre and retrospective study. RMD Open. 2024. e003975. DOI: 10.1136/rmdopen-2023-003975.
IF: 5,1 Q17

4. Calvo-Gutiérrez J, López-Medina C, Otero-Varela L, Escudero-Contreras A, Ortega-Castro R, Ladehesa-Pineda L, Campos C, Bernabeu-Gonzalvez P, Pérez-Gómez A, García-Dorta A, Ruiz-Montesino D, Pombo-Suarez M, Ros-Vilamajo I, Sánchez-Alonso F, Castrejón I. Impact of multimorbidity on the first ts/bDMARD effectiveness and retention rate after two years of follow-up in patients with rheumatoid arthritis from the BIOBADASER registry. Arthritis Research & Therapy. 2024. 57. Doi: 10.1186/s13075-024-03287-9.
IF: 4,4 Q1

5. Gómez-García I, Ladehesa-Pineda ML, Díaz-Tocados JM, López-Medina C, Abalos-Aguilera MC, Ruiz-Vilches D, Paz-Lopez G, Gonzalez-Jimenez A, Ranea JAG, Escudero-Contreras A, Moreno-Indias I, Tinahones FJ, Collantes-Estévez E, Ruiz-Limón P. Bone metabolism and inflammatory biomarkers in radiographic and non-radiographic axial spondyloarthritis patients: a comprehensive evaluation. Frontiers in endocrinology. 2024. 1515:1227196. Doi: 10.3389/fendo.2024.1227196.
IF: 3,9 Q1

» ACTIVITY:

- N° ONGOING PROJECTS: 13
- N° GRANTED PROJECTS IN 2024: 7
- N° CLINICAL TRIALS: 41
- N° PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 3
 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)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 4
 1. CONTRATO RÍO HORTEGA. Lourdes Ladehesa Pineda. Instituto de Salud Carlos III
 2. CONTRATO SARA BORRELL. Tomás Cerdó Raez. Instituto de Salud Carlos III
 3. 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
 4. INCORPORACIÓN DE FACULTATIVOS ESPECIALISTAS AL PROGRAMA MARIA CASTELLANO ARROYO. M Angeles Puche la Rubia. Consejería de Salud y Consumo. Junta de Andalucía
- 5 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS: 2
 1. ALEJANDRO ESCUDERO CONTRERAS. Identification of the Molecular Mechanisms of non-response to Treatments, Relapses and Remission in Autoimmune, Inflammatory, and Allergic Conditions. 3TR. European Union, IMI-JU. Grant Agreement 831434
 2. 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
- AWARDS: 8
 1. Ignacio Gómez García. XIII Premio Iberoamericano de Investigación José Román. Asociación Cordobesa de enfermos afectados de espondilitis (ACEADE)
 2. Raquel Ena María Granados. Premio Profesor Don Carlos Pera al Residente excelente. Hospital Universitario Reina Sofía
 3. M. Ruiz-Ponce, L. Premio de la Sociedad Española de Reumatología al mejor trabajo publicado en Artritis Psoriásica en 2023. Sociedad Española de Reumatología
 4. Carlos Pérez-Sánchez. Premio de la Sociedad Española de Reumatología al mejor trabajo publicado en Artritis Reumatoide en 2023. Sociedad Española de Reumatología
 5. Ch. López-Pedrerá. Premio de la Sociedad Española de Reumatología al mejor trabajo publicado en Lupus en 2023. Sociedad Española de Reumatología
 6. Laura Muñoz Barrera. Premio a la mejor comunicación oral de la sesión “Enfermedades Crónicas e Inflamatorias” en el XV IMIBIC Young investigators meeting. IMIBIC
 7. Pedro Ortiz Buitrago. Premio a la mejor comunicación oral, durante el 29º Congreso de la Sociedad Andaluza de Reumatología. Sociedad Andaluza de Reumatología
 8. Sagrario Corrales Díaz Flores. Premio a la mejor comunicación oral, durante el 29º Congreso de la Sociedad Andaluza de Reumatología. Sociedad Andaluza de Reumatología

GC06:
NEW THERAPIES IN CANCER

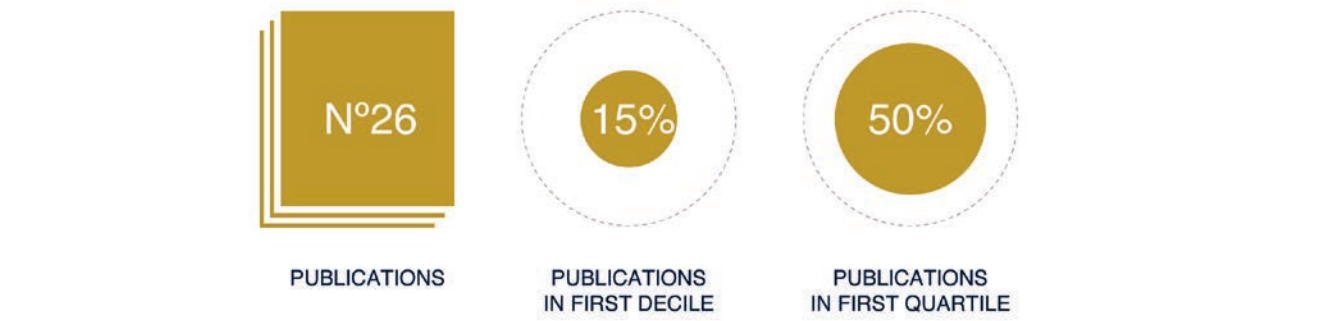
SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» 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	0000-0002-1997-9197
García	Ortiz	Mª Victoria	R3	
Gómez	España	Mª Auxiliadora	R3	
Guil	Luna	Silvia	R3	
Rubio	Pérez	Mª Jesús	R3	
Toledano	Fonseca	Marta	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	
Ortiz	Morales	Mª José	R2	
Serrano	Blanch	Raquel	R2	
Villar	Pastor	Carlos	R2	
Armenta	Triviño	Ana	R1	
Cano	Osuna	Mª Teresa	R1	
Cano	Ramírez	Pablo Francisco	R1	
Inga	Saavedra	Elisabeth	R1	
López	González	Javier	R1	
Montero	Gómez	Marina	R1	
Navarrete	Sirvent	Carmen	R1	
Peña	Enríquez	Regina	R1	
Porras	Quintela	Ignacio	R1	
Pulido	Cortijo	Gema	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	
Marín	Fernández	Juan Mª	N	
Mayén	Jimenez	Estela	N	
Puentes	Aguado	Miguel	N	
Aranda	Aguilar	Asunción	ADM	
Vazquez	Ibañez	Mª Pilar	ADM	
Arenas	Criado	Sofía	T	
Avila	Oca	Virginia	T	
Bernal	García	Gonzalo	T	
Camacho	Cecilia	Marta	T	

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Campón	Montilla	Daniel José	T
Cañadilla	Pérez	Inmaculada	T
Cuesta	Venteo	Remedios	T
Díaz	Chacón	Alejandra	T
Díaz	Díaz	Mª Ángeles	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 Julian	Sonia	T
Rodríguez	de Julián	Carlos	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:

- Brozos-Vázquez E, Toledano-Fonseca M, Costa-Fraga N, García-Ortiz MV, Díaz-Lagares Á, Rodríguez-Ariza A, Aranda E, López-López R. Pancreatic cancer biomarkers: A pathway to advance in personalized treatment selection. Cancer Treat Rev. 2024 Apr; 125: 102719. Doi: 10.1016/j.ctrv.2024.102719. Epub 2024 Mar 12. PMID:38490088.
IF: 9,6 Q1 D1
- García-Alfonso P, Elez E, Soto-Alsar J, Páez D, Fernández-Montes A, Graña B, Salud A, Yubero A, Gómez-España MA, Macías I, Quintero G, López-López C, Fernández-Rodríguez T, Grávalos C, González-Flores E, Guix M, Paredes BG, Reina JJ, Mowbray JRR, Sastre J, Aranda E. Maintenance with 5-FU/LV-aflibercept after induction with FOLFIRI-aflibercept versus FOLFIRI-aflibercept until progression as second-line treatment in older adults with metastatic colorectal cancer: the AFEMA phase II randomized trial. ESMO OPEN. 2024. -. DOI: 10.1016/j.esmoop.2024.103986.
IF: 7,1 Q1 D2

3. Provencio M, Robado de Lope L, Serna-Blasco R, Nadal E, Diz Tain P, Massuti B, González-Larriba JL, Insa A, Sánchez-Hernández A, Casal-Rubio J, García-Campelo R, Sequero López S, Rogado J, Martínez-Martí A, Bosch-Barrera J, Bernabé R, Vázquez Estévez S, Ponce S, de Castro J, Coves Sarto J, Reguart N, Dómine M, Aguilar A, Majem M, Estival A, Peña Cabia S, López Martín A, Sala González MÁ, Cobo M, Camps C, Barneto I, Calvo V, Collazo-Lorduy A, Cruz-Bermúdez A, Romero A. BRAF mutational status is associated with survival outcomes in locally advanced resectable and metastatic NSCLC. Lung Cancer. 2024 Jun 26; 194:107865. Doi: 10.1016/j.lungcan.2024.107865. Online ahead of print. PMID: 38945004.
IF: 4,5 Q1 D2

4. Vargas-Aliaga A, De la Haba M, Contreras MJ, Morales Estevez C, Porras I, Cano MT, Pulido G, Gómez MA, Flores-Paco P, Juan HR, Aranda E. NeuroPredict: study of the predictive value of ABCB1 genetic polymorphisms and associated clinical factors in chronic chemotherapy-induced peripheral neuropathy (CIPN). Front Pharmacol. 2024 Feb 26; 15:1352939. Doi: 10.3389/fphar.2024.1352939. eCollection 2024. PMID: 38469410.
IF: 4,4 Q1 D2

5. Perez-Navarro E, Conteduca V, Funes JM, Dominguez JI, Martin-Serrano M, Cremaschi P, Fernandez-Perez MP, Gordoia TA, Font A, Vázquez-Estévez S, González-Del-Alba A, Wetterskog D, Mellado B, Fernandez-Calvo O, Méndez-Vidal MJ, Climent MA, Duran I, Gallardo E, Rodriguez Sanchez A, Santander C, Sáez MI, Puente J, Tudela J, Marinas C, López-Andreo MJ, Castellano D, Attard G, Grande E, Rosino A, Botia JA, Palma-Mendez J, De Giorgi U, Gonzalez-Billalabeitia E. Prognostic Implications of Blood Immune-Cell Composition in Metastatic Castration-Resistant Prostate Cancer. Cancers (Basel). 2024 Jul 14; 16(14):2535. Doi: 10.3390/cancers16142535.PMID: 39061175.
IF: 4,5 Q1

» **CLINICAL GUIDES:**

1. Arranz Arija JA, Del Muro XG, Caro RL, Méndez-Vidal MJ, Pérez-Valderrama B, Aparicio J, Climent Durán MÁ, Caballero Díaz C, Durán I, González-Billalabeitia E. SEOM-GG clinical guidelines for the management of germ-cell testicular cancer (2023). Clin Transl Oncol. 2024 Nov;26(11):2783-2799. doi: 10.1007/s12094-024-03532-2.
FI: 2,8 Q2

» **ACTIVITY:**

- N° ONGOING PROJECTS: 10
- N° GRANTED PROJECTS IN 2024: 2
- N° CLINICAL TRIALS: 183
- N° PHD THESES: 1

» **ADDITIONAL INFORMATION:**

- NETWORKS: 10
 1. CIBERONC
 2. PAIDI CTS-234
 3. Andalusia-Roche Alliance: 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: 8
 1. INTENSIFICACIÓN SAS – ENRIQUE ARANDA AGUILAR
 2. JUNTA PROVINCIAL SEVILLA PREDOCTORAL AECC 2019. Funding Agency: ASOCIACIÓN ESPAÑOLA CONTRA EL CÁNCER- ENRIQUE ARANDA AGUILAR
 3. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2021. Funding Agency: INSTITUTO DE SALUD CARLOS III- CARMEN NAVARRETE SIRVENT
 4. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO- ALEJANDRA DIAZ CHACON
 5. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- VIRGINIA AVILA OCA
 6. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- NEREA MARIA HERRERA CASANOVA
 7. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES 2020. Funding Agency: AGENCIA ESTATAL DE INVESTIGACIÓN- MARIA TERESA SANCHEZ MONTERO
 8. RENOVACIÓN ACCIÓN C (PROGRAMA NICOLÁS MONARDES) DE LA CONVOCATORIA 2012. Funding Agency: SERVICIO ANDALUZ DE SALUD- ANTONIO RODRÍGUEZ ARIZA
- 16 AGREEMENTS WITH COMPANIES

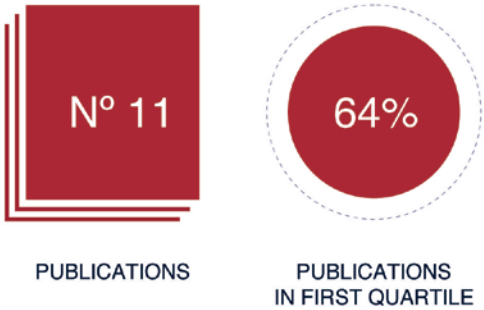
GC07:
NEPHROLOGY. CELL DAMAGE IN CHRONIC INFLAMMATION

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	
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, Jurado-Montoya D, Valdés-Díaz K, García-Sáez RM, Torralbo AI, Obrero T, Vidal-Jiménez V, Jiménez MJ, Carmona A, Guerrero F, de Mier MVPR, Rodelo-Haad C, Canalejo A, Rodríguez M, Soriano-Cabrera S, Muñoz-Castaneda JR. Cognitive Impairment Related to Chronic Kidney Disease Is Associated with a Decreased Abundance of Membrane-Bound Klotho in the Cerebral Cortex. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. DOI: 10.3390/ijms25084194.
IF: 4,9 Q1 D3
2. Díaz-Tocados JM, Rodríguez-Ortiz ME, Herencia C, López-Baltanás R, Jurado-Montoya D, García-Saez RM, Valdés-Díaz K, Martínez-Moreno JM, Santamaría R, de Mier MVPR, Rodelo-Haad C, Frazao JM, Felsenfeld AJ, Rodriguez M, Almadén Y, Muñoz-Castañeda JR. Comparative effects of calcitriol and calcimimetic on bone health in renal insufficiency. FASEB JOURNAL. 2024. DOI: 10.1096/fj.202302704R.
IF: 4,4 Q1 D2
3. Abd ElHafeez S, Kramer A, Arici M, Arnol M, Asberg A, Bell S, Belliere J, Corte C, Fresnedo G, Hemmelder M, Heylen L, Hommel K, Kerschbaum J, Naumovic R, Nitsch D, Santamaria R, Finne P, Palsson R, Pippias M, Resic H, Rosenberg M, de Pablos C, Segelmark M, Sorensen S, Soler M, Vidal E, Jager KJ, Ortiz A, Stel VS. Incidence and outcomes of kidney replacement therapy for end-stage kidney disease due to primary glomerular disease in Europe: findings from the ERA Registry. NEPHROLOGY DIALYSIS TRANSPLANTATION. 2024. 1449-1460. DOI: 10.1093/ndt/gfae034.
IF: 4,8 Q1 D2
4. Kramer A, Jager KJ, Chesnaye NC, Kerschbaum J, Hommel K, Farnés JC, Alemán ST, Santamaria R, Finne P, Hemmelder MH, Åsberg A, Nitsch D, Ambühl P, Sorensen SS, Sánchez-Alvarez JE, Segelmark M, Resic H, Ots-Rosenberg M, Radunovic D, Palsson R, de Pablos CS, Arévalo OLR, Legeai C, Lausevic M, Bakaloglu SA, Ortiz A, Stel VS. Changes in the epidemiology of kidney replacement therapy across Europe in 2020-the first year of the COVID-19 pandemic: an ERA Registry study. NEPHROLOGY DIALYSIS TRANSPLANTATION. 2024. 1835-1845. DOI: 10.1093/ndt/gfae043.
IF: 4,8 Q1 D2
5. Tangri N, Alvarez CS, Arnold M, Barone S, Cebrián A, Chen HT, De Nicola L, Järbrink K, Kanumilli N, Lim KS, Moriyama T, Pecoits R, de Castro MCR, Santamaria R, Schneider MP, Virgitti JB, Kushner P. Suboptimal monitoring and management in patients with unrecorded stage 3 chronic kidney disease in real-world settings: Insights from REVEAL-CKD. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION. 2024. DOI: 10.1111/eci.14282.
IF: 4,4 Q1 D2

» **ACTIVITY:**

- N° ONGOING PROJECTS: 4
- N° CLINICAL TRIALS: 26
- N° PATENTS: 1

» **ADDITIONAL INFORMATION:**

- NETWORKS: 6
 - 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 (Ministerio Sanidad)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 3
 - 1. ALEJANDRO MARTÍN MALO. CTEICU 2019 I Posdoctorales - Andrés Carmona Muñoz. Funding Agency: CONSEJERÍA DE UNIVERSIDAD, INVESTIGACIÓN E INNOVACIÓN. Reference: DOC_01428
 - 2. Programa Investigo SAE 2022 - Victoria Vidal Jiménez. Funding Agency: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. Reference: INVEST_SAE22_013
 - 3. INTENSIFICACIÓN (SAS) SAGRARIO SORIANO CABRERA
- 7 AGREEMENTS WITH COMPANIES
- AWARDS: 3
 - 1. KAREN CECILIA VALDÉS DÍAZ. Premio a la mejor comunicación tipo POSTER sesión II- Karen Valdés Díaz. Funding Agency: FIBICO. FUNDACION PARA LA INVESTIGACIÓN BIOMÉDICA DE CÓRDOBA. Reference: JJII23/008
 - 2. Premio Ayuda a la publicación del mejor trabajo científico, Sociedad Española de Nefrología 2024.
 - 3. ALEJANDRO MARTÍN MALO. Nominado Miembro de Honor de la Sociedad Española de Nefrología 2024.

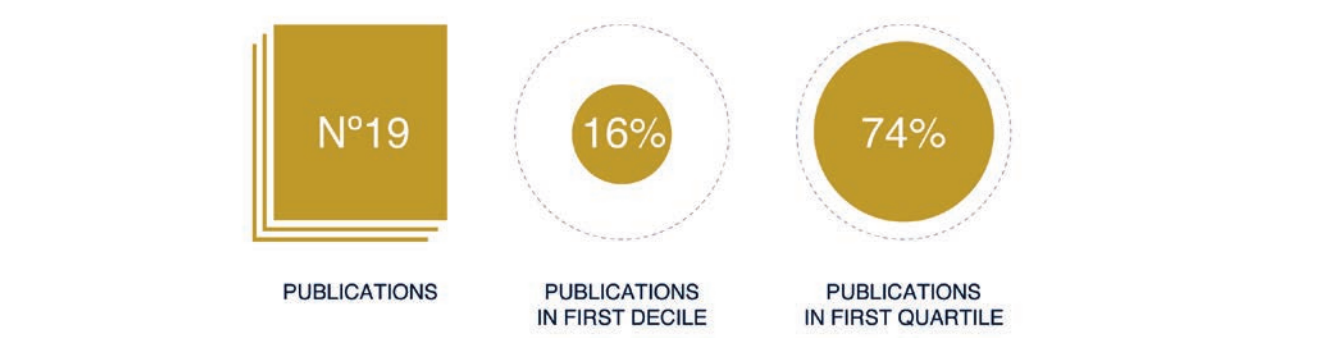
GC08:
HORMONES AND CANCER

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	Moreno	Paloma	R2	
Pedraza	Arévalo	Sergio	R2	
Alós	Navajas	Amara	R1	
Blanco	Acevedo	Cristobal José	R1	
Caro	Cuenca	Mª Teresa	R1	
García	Vioque	Víctor	R1	
Gutiérrez	Camacho	Laura	R1	
González	Pérez	Clara	R1	
Moreno	Montilla	Mª Trinidad	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. Alors-Pérez, E, Pedraza-Arévalo, S, Blázquez-Encinas, R, García-Vioque, V, Agraz-Doblas, A, Yubero-Serrano, EM, Sánchez-Frías, ME, Serrano-Blanch, R, Gálvez-Moreno, MA, Gracia-Navarro, F, Gahete, MD, Arjona-Sánchez, A, Luque, RM, Ibáñez-Costa, A, Castaño, JP. Altered CELF4 splicing factor enhances pancreatic neuroendocrine tumors aggressiveness influencing mTOR and everolimus response. Molecular Therapy - Nucleic Acids. 2024. 102090. DOI: 10.1016/j.omtn.2023.102090.
IF:6,5 Q1 D2

2. Alors-Pérez, E, Blázquez-Encinas, R, Moreno-Montilla, MT, García-Vioque, V, Jiménez-Vacas, JM, Mafficini, A, González-Borja, I, Luchini, C, Sánchez-Hidalgo, JM, Sánchez-Frías, ME, Pedraza-Arevalo, S, Romero-Ruiz, A, Lawlor, RT, Viúdez, A, Gahete, MD, Scarpa, A, Arjona-Sánchez, A, Luque, RM, Ibáñez-Costa, A, Castaño, JP. Spliceosomal dysregulation in pancreatic cancer uncovers splicing factors PRPF8 and RBMX as novel candidate actionable targets. Molecular Oncology. 2024. 2524 – 2540. DOI: 10.1002/1878-0261.13658.
IF: 5,0 Q1 D3

3. Blázquez-Encinas, R, Alors-Pérez, E, Moreno-Montilla, MT, García-Vioque, V, Sánchez-Frías, ME, Mafficini, A, López-Cánovas, JL, Bousquet, C, Gahete, MD, Lawlor, RT, Luque, RM, Scarpa, A, Arjona-Sánchez, A, Pedraza-Arévalo, S, Ibáñez-Costa, A, Castaño, JP. The Exon Junction Complex component EIF4A3 plays a splicing-linked oncogenic role in pancreatic ductal adenocarcinoma. Cancer Gene Therapy. 2024. 1646-1657. DOI: 10.1038/s41417-024-00814-3.
IF: 4,8 Q1 D2

4. Ho, KKY, Fleseriu, M, Wass, J, Katznelson, L, Raverot, G, Little, AS, Castaño, JP, Reincke, M, Lopes, MB, Kaiser, UB, Chanson, P, Gadelha, M, Melmed, S. A proposed clinical classification for pituitary neoplasms to guide therapy and prognosis. Lancet Diabetes & Endocrinology. 2024. 209 – 214. DOI: 10.1016/S2213-8587(23)00382-0.
IF: 44,0 Q1 D1

5. Sampedro-Nuñez, M, Herrera-Martínez, AD, Ibáñez-Costa, A, Rivero-Cortés, E, Venegas, E, Robledo, M, Martínez-Hernández, R, García-Martínez, A, Gil, J, Jordà, M, López-Fernández, J, Gavilán, I, Maraver, S, Marqués-Pamies, M, Cámara, R, Fajardo-Montañana, C, Valassi, E, Dios, E, Aulinas, A, Biagetti, B, Álvarez-Escola, C, Araujo-Castro, M, Blanco, C, de Miguel, P, Villar-Taibo, R, Álvarez, CV, Gaztambide, S, Webb, SM, Castaño, L, Bernabéu, I, Picó, A, Gálvez, MA, Soto-Moreno, A, Puig-Domingo, M, Castaño, JP, Marazuela, M, Luque, RM, Investigators, REMAH. Integrative Clinical, Hormonal and Molecular Data associate with Invasiveness in Acromegaly: REMAH Study. European Journal of Endocrinology. 2024. 421-433. DOI: 10.1093/ajendo/lvae045.
IF: 5,3 Q1 D2

» **ACTIVITY:**

- N° ONGOING PROJECTS: 7
- N° GRANTED PROJECTS IN 2024: 2
- N° PHD THESES: 1

» **ADDITIONAL INFORMATION:**

- NETWORKS: 12
 1. 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: 7
 1. FPU (MEC) – RICARDO BLÁZQUEZ ENCINAS REY.
 2. FPU (UCO) – MARÍA TRINIDAD MORENO MONTILLA.
 3. FPU (MEC) – VÍCTOR GARCÍA VIOQUE.
 4. CONVOCATORIA COMPLEMENTARIA DE AYUDAS PARA LA RECUALIFICACIÓN DEL SISTEMA UNIVERSITARIO ESPAÑOL. AYUDAS MARÍA ZAMBRANO PARA LA ATRACCIÓN DE TALENTO INTERNACIONAL. MINISTERIO DE UNIVERSIDADES-UNIVERSIDAD DE CORDOBA-FEDER. SERGIO PEDRAZA AREVALO
 5. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO - DANIEL RUIZ PALACIOS.
 6. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- CLARA GONZALEZ PEREZ
 7. FPI (MEC) – LAURA GUTIÉRREZ CAMACHO
- 1 AGREEMENT WITH COMPANIES

- INTERNATIONAL PROJECTS: 5
 1. MATTHIEU FOLL. Reconciling lung carcinoids histopathological and molecular classifications. Funding Agency: NEUROENDOCRINE TUMOR RESEARCH FOUNDATION. Reference: NTRF-2022-01.
 2. GARAN JONES. Alternate splicing and the pathology of Small Intestine Neuroendocrine tumours (SI-NET). Funding Agency: UKINETS
 3. FEDERICO CANZIAN. TRANSPAN. Identification of biological markers for prevention and translational medicine in pancreatic cancer. C-2021-1-25216. Funding Agency: COST ACTION.
 4. ALDO SCARPA. Accelerating precision medicine in pancreatic cancer through definition of novel classifications and molecular targets. G 2021 ID 26343. Funding Agency: Fondazione AIRC per la ricerca sul cancro.
 5. JUSTO PASTOR CASTAÑO FUENTES. TRANSCAN-2023-01 I REACH - Reversing Epitranscriptomic Alterations for CHemosensitization of Pancreatic Cancer (AECC). Funding Agency: ASOCIACIÓN ESPAÑOLA CONTRA EL CÁNCER. Reference: TRNSC247897CAST
- AWARDS: 2
 1. MARIA TRINIDAD MORENO MONTILLA. Award for best oral communication of SESSION V Cancer II, at the 14th IMIBIC Young Investigators Meeting. Funding Agency: FIBICO. FUNDACION PARA LA INVESTIGACIÓN BIOMÉDICA DE CÓRDOBA.
 2. MARIA TRINIDAD MORENO MONTILLA. Honorary award for the best communication of the conference, at the 14th IMIBIC Young Investigators Meeting. Funding Agency: FIBICO. FUNDACION PARA LA INVESTIGACIÓN BIOMÉDICA DE CÓRDOBA.

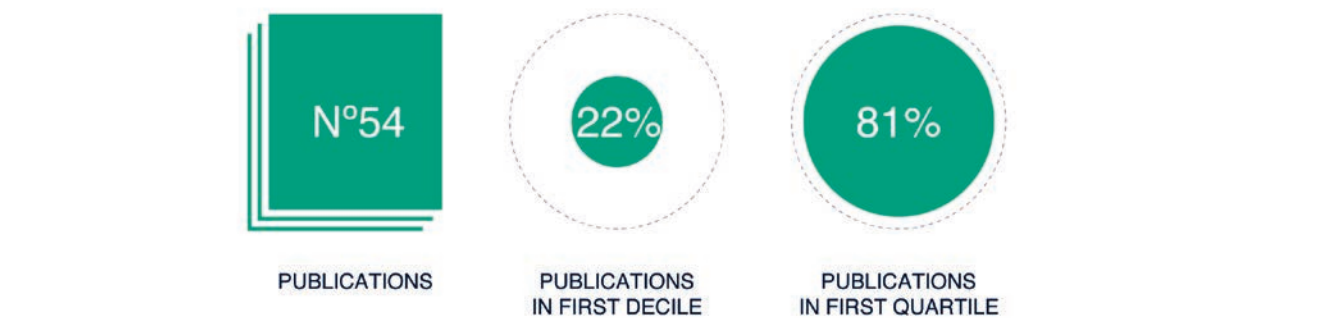
SCIENTIFIC PROGRAM 2: NUTRITION AND ENDOCRINE AND METABOLIC DISEASES

» 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	Ríos	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	
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	
Quintana	Navarro	Gracia María	R2	
Romero	Cabrera	Juan Luis	R2	
Sánchez	Gutiérrez	Mónica	R2	
Torres	Peña	José David	R2	
Vaquero	Álvarez	Manuel	R2	
Arenas	Montes	Javier	R1	
Díaz	Cáceres	Alberto	R1	
García	Fernández	Helena	R1	
López	Moreno	Alejandro	R1	
Muñoz	Osuna	Juan Francisco	R1	
Párraga	Viúdez	María	R1	
Porras	Pérez	Esther	R1	

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Quiros	Jiménez	Alba	R1
Serrán	Jiménez	Alejandro	R1
Vega	Rojas	Ana María	R1
Villasanta	González	Alejandro	R1
Lifona	Requena	Yessica María	ADM
Jiménez	Martín	Paola	N
Morillo-Velarde	Castro	Blanca	N
Carreras	Calero	Rosario	T
Castro	Montero	Sofía	T
Castro	Liñán	Lidia	T
Morales	Martínez	JOSÉ 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:

1. Gutierrez-Mariscal FM, Lopez-Moreno A, Torres-Peña JD, Gomez-Luna P, Larriva APAD, Romero-Cabrera JL, Luque RM, Uribarri J, Perez-Martinez P, Delgado-Lista J, Yubero-Serrano EM, Lopez-Miranda J. Modulation of circulating levels of advanced glycation end products and its impact on intima-media thickness of both common carotid arteries: CORDIOPREV randomised controlled trial. CARDIOVASCULAR DIABETOLOGY. 2024. DOI: 10.1186/s12933-024-02451-4. IF: 8,5 Q1 D1

2. Ojeda-Rodriguez A, Rangel-Zuñiga OA, Arenas-de Larriva AP, Gutierrez-Mariscal FM, Torres-Peña JD, Romero-Cabrera JL, Podadera-Herreros A, García-Fernandez H, Porras-Pérez E, Luque RM, Kales SN, Perez-Martinez P, Delgado-Lista J, Yubero-Serrano EM, Lopez-Miranda J. Telomere length as biomarker of nutritional therapy for prevention of type 2 diabetes mellitus development in patients with coronary heart disease: CORDIOPREV randomised controlled trial. CARDIOVASCULAR DIABETOLOGY. 2024. DOI: 10.1186/s12933-024-02175-5. IF: 8,5 Q1 D1

3. Gomez-Delgado F, Raya-Cruz M, Katsiki N, Lista JD, Perez-Martinez P. Residual cardiovascular risk: When should we treat it?. EUROPEAN JOURNAL OF INTERNAL MEDICINE. 2024. 17-24. DOI: 10.1016/j.iejim.2023.10.013. IF: 5,9 Q1 D1

4. Podadera-Herreros A, Larriva APAD, Gutierrez-Mariscal FM, Alcala-Diaz JF, Ojeda-Rodriguez A, Rodriguez-Cantalejo F, Cardelo MP, Rodriguez-Cano D, Torres-Peña JD, Luque RM, Ordovas JM, Perez-Martinez P, Delgado-Lista J, Lopez-Miranda J, Yubero-Serrano EM. Mediterranean diet as a strategy for preserving kidney function in patients with coronary heart disease with type 2 diabetes and obesity: a secondary analysis of CORDIOPREV randomized controlled trial. NUTRITION & DIABETES. 2024. DOI: 10.1038/s41387-024-00285-3. IF: 4,6 Q1 D1

5. de Isla LP, Vallejo-Vaz AJ, Watts GF, Muñiz-Grijalvo O, Alonso R, Diaz-Diaz JL, Arroyo-Olivares R, Aguado R, Argueso R, Mauri M, Romero MJ, Alvarez-Baños P, Mañas D, Cepeda JM, Gonzalez-Bustos P, Casañas M, Michan A, Muñoz-Torrero JFS, Faedo C, Barba MA, Dieguez M, de Andrés R, Hernandez AM, Gonzalez-Estrada A, Padró T, Fuentes F, Badimon L, Mata P. Long-term sex differences in atherosclerotic cardiovascular disease in individuals with heterozygous familial hypercholesterolaemia in Spain: a study using data from SAFEHEART, a nationwide, multicentre, prospective cohort study. LANCET DIABETES & ENDOCRINOLOGY. 2024. 643-652. DOI: 10.1016/S2213-8587(24)00192-X.
IF: 44 Q1 D1

» **CLINICAL GUIDES:**

1. Delgado-Lista J, Mostaza JM, Arrobas-Velilla T, Blanco-Vaca F, Masana L, Pedro-Botet J, Perez-Martinez P, Civeira F, Cuende-Melero JI, Gomez-Barrado JJ, Lahoz C, Pinto X, Suarez-Tembra M, Lopez-Miranda J, Guijarro C. Consensus on lipoprotein(a) of the Spanish Society of Arteriosclerosis. Literature review and recommendations for clinical practice. CLINICA E INVESTIGACION EN ARTERIOSCLEROSIS. 2024. 243-266. DOI: 10.1016/j.arteri.2024.03.002.
IF: 1,9 Q3

» **ACTIVITY:**

- N° ONGOING PROJECTS: 10
- N° GRANTED PROJECTS IN 2024: 4
- N° CLINICAL TRIALS: 31
- N° PHD THESES: 2

» **ADDITIONAL INFORMATION:**

- NETWORKS: 4
 1. CIBER Physiopathology of Obesity and Nutrition (CIBERObn)
 2. PAIDI CTS-212: NUTRITION AND DISEASE
 3. PAIDI CTS-525: INTERACTION GENES AND ENVIRONMENT
 4. NUTRIEPIGEN
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 23
 1. ACCIÓN A. REFUERZO ANUAL DE LA ACTIVIDAD INVESTIGADORA EN LAS UNIDADES CLÍNICAS DEL SAS 2023. FUNDING AGENCY: SERVICIO ANDALUZ DE SALUD. JOSÉ LÓPEZ MIRANDA
 2. ACCIÓN C. IMPULSO DE LA INVESTIGACIÓN TRASLACIONAL DE LAS UC (PROGRAMA NICOLÁS MONARDES) 2022. FUNDING AGENCY: SERVICIO ANDALUZ DE SALUD. ANTONIO CAMARGO GARCÍA
 3. ACCIÓN C. IMPULSO DE LA INVESTIGACIÓN TRASLACIONAL DE LAS UGC (PROGRAMA NICOLÁS MONARDES) 2019. FUNDING AGENCY: SERVICIO ANDALUZ DE SALUD. ELENA YUBERO SERRANO
 4. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2021. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. ANA OJEDA RODRIGUEZ
 5. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2022. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. HATIM BOUGHANEM LAKHAL
 6. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2023. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. MONICA SANCHEZ GUTIERREZ
 7. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2021. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. JUAN LUIS ROMERO CABRERA
 8. AYUDAS PARA INCENTIVAR LA CONSOLIDACIÓN INVESTIGADORA 2023. FUNDING AGENCY: AGENCIA ESTATAL DE INVESTIGACIÓN. ELENA YUBERO SERRANO
 9. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS MIGUEL SERVET 2019. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. ORIOL ALBERTO RANGEL ZUÑIGA
 10. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2019. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. ALICIA PODADERA HERREROS
 11. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2020. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. HELENA MARIA GARCIA FERNANDEZ
 12. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2021. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. ESTHER PORRAS PEREZ
 13. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2023. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. MARIA JOSÉ PARRAGA VIUDEZ
 14. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS 2023. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. FRANCISCO JAVIER DELGADO LISTA
 15. PROGRAMA INVESTIGO 2022. FUNDING AGENCY: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. MARIA HIDALGO DE LA ROSA

16. PROGRAMA INVESTIGO 2022-1. FUNDING AGENCY: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. INÉS VAQUERO CORDOBA
17. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS MIGUEL SERVET 2019. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. ORIOL ALBERTO RANGEL ZUÑIGA
18. CO-FINANCIACIÓN PROYECTO P2Med-IMIBIC. FUNDING AGENCY: CONSEJERÍA DE UNIVERSIDAD, INVESTIGACIÓN E INNOVACIÓN. PABLO PÉREZ MARTÍNEZ
19. ACCIÓN ESTRATÉGICA EN SALUD - MOVILIDAD DE PERSONAL INVESTIGADOR CONTRATADO EN EL MARCO DE LA AES (M-AES) 2023. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. HATIM BOUGHANEM LAKHAL
20. ACCIÓN ESTRATÉGICA EN SALUD - MOVILIDAD DE PERSONAL INVESTIGADOR CONTRATADO EN EL MARCO DE LA AES (M-AES) 2023. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. HELENA MARIA GARCIA FERNANDEZ
21. ACCIÓN ESTRATÉGICA EN SALUD - MOVILIDAD DE PERSONAL INVESTIGADOR CONTRATADO EN EL MARCO DE LA AES (M-AES) 2023. FUNDING AGENCY: INSTITUTO DE SALUD CARLOS III. ANA OJEDA RODRIGUEZ
22. RENOVACIÓN ACCIÓN C (PROGRAMA NICOLÁS MONARDES) 2023 - FASE 3. FUNDING AGENCY: SERVICIO ANDALUZ DE SALUD. ELENA YUBERO SERRANO
23. MARIE SKLODOWSKA-CURIE: CO-FUNDING OF REGIONAL, NATIONAL AND INTERNATIONAL PROGRAMMES 2018. FUNDING AGENCY: COMISIÓN EUROPEA. MARINA MORA ORTIZ

• 6 AGREEMENTS WITH COMPANIES

- INTERNATIONAL PROJECTS: 1
 1. PABLO PÉREZ MARTÍNEZ. 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 SALUD Y CONSUMO. Reference: ERA4Health-2023-01
- AWARDS: 2
 1. JUAN FRANCISCO ALCALÁ DÍAZ. EAS Young Investigator Award. Funding Agency: EUROPEAN ATHEROSCLEROSIS SOCIETY.
 2. PABLO PÉREZ MARTÍNEZ. PREMIO LOPEZ LAGUNA 2024. Funding Agency: SOCIEDAD ANDALUZA DE MEDICINA INTERNA.

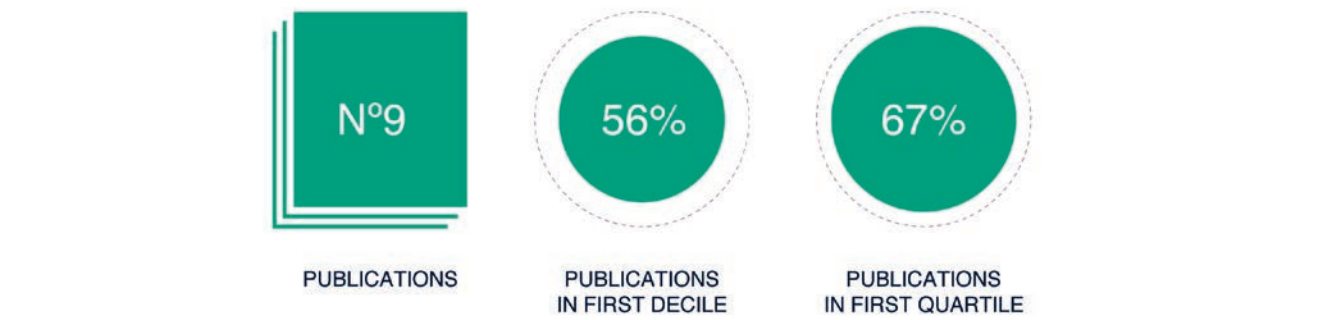
GC10:
HORMONAL REGULATION OF ENERGY BALANCE, PUBERTY AND
REPRODUCTION

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	
Gaytán	Luna	Francisco	R3	
Pineda	Reyes	Rafael	R3	
Pinilla	Jurado	Leonor	R3	
Roa	Rivas	Juan	R3	
Sánchez-Garrido	Nogueras	Miguel	R3	
Vázquez	Villar	Mª Jesús	R3	
Barroso	Romero	Alexia	R2	
García	Galiano	David	R2	
León	Téllez	Silvia	R2	
Perdices	López	Cecilia María	R2	
Ruiz	Cruz	Miguel	R2	
Sobrino	Cabello	Verónica	R2	
Torres	Jiménez	Encarnación	R2	
Velasco	Aguayo	Inmaculada	R2	
Aranda	Torrecillas	Álvaro	R1	
Calero	García	Ana María	R1	
Daza	Dueñas	Silvia	R1	
García	Vera	José Joaquín	R1	
Jiménez	Puyer	Manuel	R1	
Jiménez	Ulloa	Rodrigo	R1	
López	Sancho	María	R1	
Navarro	Torrente	Marta	R1	
Rodríguez	Martín	Andrea	R1	
Rodríguez	Vázquez	Elvira	R1	
Sánchez	Tapia	Beatriz	R1	
Serrano	López	Víctor 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:

- Sánchez-Garrido MA, Serrano-López V, Ruiz-Pino F, Vázquez MJ, Rodríguez-Martin A, Torres E, Velasco I, Rodríguez AB, Chicano-Gálvez E, Mora-Ortiz M, Ohlsson C, Poutanen M, Pinilla L, Gáytan F, Douros JD, Yang B, Müller TD, Dimarchi RD, Tschöp MH, Finan B, Tena-Sempere M. Superior metabolic improvement of polycystic ovary syndrome traits after GLP1-based multi-agonist therapy. NATURE COMMUNICATIONS. 2024. DOI: 10.1038/s41467-024-52898-y. **IF: 14,7 Q1 D1**
- Torres E, Pellegrino G, Granados-Rodríguez M, Fuentes-Fayos AC, Velasco I, Coutteau-Robles A, Legrand A, Shana-brough M, Perdices-Lopez C, Leon S, Yeo SH, Manchishi SM, Sánchez-Tapia MJ, Navarro VM, Pineda R, Roa J, Naftolin F, Argente J, Luque RM, Chowen JA, Horvath TL, Prevot V, Sharif A, Colledge WH, Tena-Sempere M, Romero-Ruiz A. Kisspeptin signaling in astrocytes modulates the reproductive axis. JOURNAL OF CLINICAL INVESTIGATION. 2024. DOI: 10.1172/JCI172908. **IF: 13,3 Q1 D1**
- Avendano MS, Perdices-Lopez C, Guerrero-Ruiz Y, Ruiz-Pino F, Rodriguez-Sanchez AB, Sanchez-Tapia MJ, Sobrino V, Pineda R, Barroso A, Correa-Saez A, Lara-Chica M, Fernandez-Garcia JC, Garcia-Redondo AB, Hernanz R, Ruiz-Cruz M, Garcia-Galiano D, Pitteloud N, Calzado MA, Briones AM, Vazquez MJ, Tena-Sempere M. The evolutionary conserved miR-137/325 tandem mediates obesity-induced hypogonadism and metabolic comorbidities by repressing hypothalamic kisspeptin. METABOLISM-CLINICAL AND EXPERIMENTAL. 2024. DOI: 10.1016/j.metabol.2024.155932. **IF: 10,8 Q1 D1**
- Velasco I, Daza-Dueñas S, Torres E, Ruiz-Pino F, Vázquez MJ, Tena-Sempere M. Kisspeptins centrally modulate food intake and locomotor activity in mice independently of gonadal steroids in a sexually dimorphic manner. JOURNAL OF NEUROENDOCRINOLOGY. 2024. DOI: 10.1111/jne.13433. **IF: 3,3 Q2 D4**
- Anderson GM, Hill JW, Kaiser UB, Navarro VM, Ong KK, Perry JRB, Prevot V, Tena-Sempere M, Elias CF. Metabolic control of puberty: 60 years in the footsteps of Kennedy and Mitra’s seminal work. NATURE REVIEWS ENDOCRINOLOGY. 2024. 111-123. DOI: 10.1038/s41574-023-00919-z. **IF: 31 Q1 D1**

» ACTIVITY:

- Nº ONGOING PROJECTS: 10
- Nº GRANTED PROJECTS IN 2024: 3

» ADDITIONAL INFORMATION:

- NETWORKS: 6
 - CIBEROBN (CIBER on Obesity and Nutrition)
 - PAIDI BIO-310
 - Theme Area: Reproductive Endocrinology (European Society of Endocrinology)
 - Theme Area: Environmental Endocrinology (European Society of Endocrinology)
 - Red Temática de Investigación Traslacional en Pubertad ReTIT-PUB (coordinador)
 - EUCRE: Red europea de estudios de la reproducción

- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 12
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS MIGUEL SERVET 2019. Funding Agency: INSTITUTO DE SALUD CARLOS III- MARIA SOLEDAD AVENDAÑO HERRADOR
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2020. Funding Agency: INSTITUTO DE SALUD CARLOS III- CARMEN TORRES GRANADOS
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2022 (CON SS). Funding Agency: INSTITUTO DE SALUD CARLOS III- YOLANDA GUERRERO RUIZ
 - PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- ANDREA RODRIGUEZ MARTIN
 - PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- MARTA NAVARRO TORRENTE
 - CO-FINANCIACIÓN PROYECTO P2Med-IMIBIC. Funding Agency: CONSEJERÍA DE SALUD Y CONSUMO- SILVIA LEON TELLEZ
 - JUNTA DE ANDALUCÍA – Programa de Contratos Postdoctorales (Consejería de Universidad, Investigación e Innovación – VERÓNICA SOBRINO CABELLO.
 - Programa Formación Profesorado Universitario – Contrato FPU – SILVIA DAZA MAÑAS.
 - Programa Formación Profesorado Universitario – Contrato FPU – ESPERANZA UCEDA RODRÍGUEZ.
 - Programa de Formación de Doctores – Programa FPI – MANUEL JIMENEZ PUYER.
 - Programa de Formación de Doctores – Programa FPI – ÁLVARO ARANDA TORRECILLAS
 - Programa de Formación de Doctores – Programa FPI – RODRIGO JIMÉNEZ ULLOA
- 3 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS: 8
 - MANUEL TENA-SEMPERE. DISSECTING THE BRAIN BASIS OF OBESITY INDUCED PUBERTAL ALTERATIONS- A VIEW TO A KISS. Entidad Financiadora: COMISIÓN EUROPEA-ERC ADVANCED GRANT PROGRAM. Reference: HE-ERC-2022-ADG-101096793
 - MANUEL TENA-SEMPERE. eprObes - Preventing lifetime obesity by early risk-factor identification, prognosis and intervention. Funding Agency: COMISIÓN EUROPEA. Reference: STAYHLTH-01-05-01
 - 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: HORIZON-HLTH-2023-101137411
 - MANUEL TENA-SEMPERE. EXPLORING THE CONTRIBUTION OF HYPOTHALAMIC GLIOSIS TO THE METABOLIC AND REPRODUCTIVE COMPLICATIONS OF HYPOGONADISM: TRANSLATIONAL IMPLICATIONS FOR OBESITY-INDUCED MALE HYPOGONADISM. Funding Agency: COMISIÓN EUROPEA. Reference: HE-MSCA-PF-2022-101109307
 - VERÓNICA SOBRINO CABELLO. Spatial proteomics in KNDy neurons: a proof of concept. Funding Agency: BRITISH SOCIETY FOR NEUROENDOCRINOLOGY. Reference: BSN-PSG-2023-01
 - 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
 - DAVID GARCÍA GALIANO. CRISPR/Cas9 technology for conditional (cell-specific) genome editing in somatic cells. Funding Agency: BRITISH SOCIETY FOR NEURO-ENDOCRINOLOGY. Reference: BSE-PSG-2021-02
 - MARIA SOLEDAD AVENDAÑO 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
- AWARDS: 1
 - MIGUEL RUIZ CRUZ; XXII Premio Investigación – “Gonzalo Miño Fugarolas”; Universidad de Córdoba

GC11:

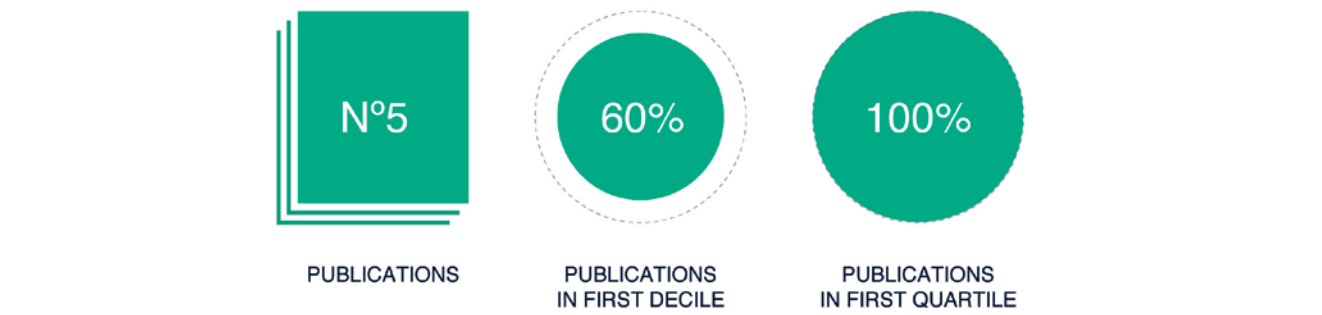
METABOLISM AND ADIPOCYTE DIFFERENTIATION-METABOLIC SYNDROME

SCIENTIFIC PROGRAM 2: NUTRITION AND ENDOCRINE AND METABOLIC DISEASES

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Malagón	Poyato	M ^a del Mar	R4	0000-0002-2419-2727
Gordon	Bermúdez-Coronel	Ana	R3	
Guzmán	Ruiz	Rocío	R3	
Kirst		Henning	R3	
Soler	Vázquez	M ^a del Carmen	R2	
Bruque	Monge	Irene	R1	
García	Ruiz	Olga	R1	
Garrido	Rascón	Elena	R1	
González	Almécija	Beatriz	R1	
González	Ruiz	María	R1	
Farinha		Beatriz	R1	
Lorenzo	Pino	Samuel	R1	
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. López-Alcalá J, Gordon A, Trávez A, Tercero-Alcázar C, Correa-Sáez A, González-Rellán MJ, Rangel-Zúñiga OA, Rodríguez A, Membrives A, Frühbeck G, Nogueiras R, Calzado MA, Guzmán-Ruiz R, Malagón MM. Localization, traffic and function of Rab34 in adipocyte lipid and endocrine functions. JOURNAL OF BIOMEDICAL SCIENCE. 2024. DOI: 10.1186/s12929-023-00990-8.
IF: 9 Q1 D1

2. Dahdah N, Tercero-Alcázar C, Malagón MM, Garcia-Roves PM, Guzmán-Ruiz R. Interrelation of adipose tissue macrophages and fibrosis in obesity. BIOCHEMICAL PHARMACOLOGY. 2024. DOI: 10.1016/j.bcp.2024.116324.
IF: 5,3 Q1 D1

3. Garcia-Fernandez H, Arenas-de Larriva AP, Lopez-Moreno J, Gutierrez-Mariscal FM, Romero-Cabrera JL, Molina-Abril H, Torres-Peña JD, Rodriguez-Cano D, Malagon MM, Ordovas JM, Delgado-Lista J, Perez-Martinez P, Lopez-Miranda J, Camargo A. Sex-specific differences in intestinal microbiota associated with cardiovascular diseases. BIOLOGY OF SEX DIFFERENCES. 2024. DOI: 10.1186/s13293-024-00582-7.
IF: 4,9 Q1 D2

4. Rivas-Garcia L, Quintana-Navarro GM, Alcala-Díaz JF, Torres-Peña JD, Larriva APAD, Rangel-Zuñiga OA, López-Moreno A, Malagon MM, Katsiki N, Perez-Martinez P, Lopez-Miranda J, Delgado-Lista J. Association between Diet Quality and Risk of Type 2 Diabetes Mellitus in Patients with Coronary Heart Disease: Findings from the CORDIOPREV Study. NUTRIENTS. 2024. DOI: 10.3390/nu16081249.
IF: 4,8 Q1 D2

5. Sauer PV, Cupellini L, Sutter M, Bondanza M, Martin MAD, Kirst H, Bina D, Koh AF, Kotecha A, Greber BJ, Nogales E, Polívka T, Mennucci B, Kerfeld CA. Structural and quantum chemical basis for OCP-mediated quenching of phycobilisomes. SCIENCE ADVANCES. 2024. DOI: 10.1126/sciadv.adk7535.
IF: 11,7 Q1 D1

» **CLINICAL GUIDES:**

1. Lecube A.,* Azcona C., Azriel S., Baile JI., Barreiro E., Blay G., Cañadas O., Bourgon L., Carretero J., Carrillo L., Ciudin A., Codesal M., Coronado PJ., Couto I., Estévez J., Ferraz I., Fernández-Figares MªP., Fernández JM., Flores L., García I., Gimeno AM., González S., Gualdrón MªA., de Hollanda A., Martínez E., Martínez AD., Miñambres I., Moizé V., Morales C., O'Connor C., Orive A., Ramírez V., Romero M., Ruiz J., Salvador J., Serrano C., Soler MJ., Supervía M., Torremadé J., Valentí V., Vicente G., Vilarrasa N., Malagón MªM*. “2ª edición Guía Española GIRO: guía española del manejo integral y multidisciplinar de la obesidad en personas adultas, 2024 <https://www.seedo.es/index.php/guia-giro>.” Sociedad Española para el Estudio de la Obesidad (SEEDO)
ISBN: 978-84-09-65969-2 Versión 2.0. 24/10/2024
Depósito legal: M-1164-2024
España, 2024
*Coordinadores.

» **ACTIVITY:**

- N° ONGOING PROJECTS: 7
- N° PHD THESES: 1
- N° PATENTS: 1

» **ADDITIONAL INFORMATION:**

• NETWORKS: 4

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: 11

1. RESEARCH FELLOWSHIP CONTRACT. Funding Agency: Fundação para a Ciência e a Tecnologia, IP (FCT), Portugal. BEATRIZ FARINHA.
2. FORMACIÓN PERSONAL INVESTIGADOR / FPI. Funding Agency: MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES. ELENA GARRIDO RASCÓN

3. FORMACIÓN PERSONAL INVESTIGADOR / FPI. Funding Agency: MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES. BEATRIZ GONZÁLEZ ALMECIJA
4. AYUDAS A LA CONTRATACIÓN PREDOCTORAL DE PERSONAL INVESTIGADOR EN FORMACIÓN. Funding Agency: CONSEJERÍA DE TRANSFORMACIÓN ECONÓMICA, INDUSTRIA, CONOCIMIENTO Y UNIVERSIDADES. OLGA GARCÍA RUIZ.
5. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO- SAMUEL LORENZO PINO
6. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- MARIA GONZALEZ RUIZ
7. AYUDAS MARGARITAS ALAS PARA LA FORMACIÓN DE JÓVENES DOCTORES- (MINISTERIO DE UNIVERSIDADES)- Mª CARMEN SOLER VÁZQUEZ
8. PAIDI 2020 – AYUDAS A LA CONTRATACIÓN DE PERSONAL INVESTIGADOR DOCTOR POR PARTE DE LAS UNIVERSIDADES Y ENTIDADES PÚBLICAS DE INVESTIGACIÓN 2019-MARIA MERCEDES CLEMENTE POSTIGO. Funding Agency: CONSEJERÍA DE UNIVERSIDAD, INVESTIGACIÓN E INNOVACIÓN.
9. SELLO DE EXCELENCIA ISCIII-HEALTH 2022. Funding Agency: INSTITUTO DE SALUD CARLOS III. ANA GORDON BERMUDEZ-CORONEL
10. CONTRATO RAMÓN Y CAJAL. 2023. Funding Agency: MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES. HENNING KIRST.
11. CONVOCATORIA EXTRAORDINARIA CONTRATOS PREDOCTORALES ASOCIADOS A AYUDAS RAMON Y CAJAL. 2022. Funding Agency: UNIVERSITY OF CORDOBA. IRENE BRUQUE MONGE

GC13:
CALCIUM METABOLISM. VASCULAR CALCIFICATION

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Rodríguez	Portillo	Mariano	R4
Aguilera	Tejero	Escolástico	R4
Muñoz	Castañeda	Juan Rafael	R4
Canalejo	Raya	Antonio Luis	R3
López	Villalba	Ignacio	R3
Rodríguez	Ortiz	Mª Encarnación	R3
Martínez	Moreno	Julio Manuel	R2
Pendón	Ruiz de Mier	Mª Victoria	R2
Pineda	Martos	Carmen María	R2
Raya	Bermúdez	Ana Isabel	R2
Rodelo	Haad	Cristian Roberto	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
HPTH2°	FGF23

» HIGHLIGHTED PUBLICATIONS:

1. Lellig M, Rodríguez M, López-Baltanás R, Hermann J, Wollenhaupt J, Noels H, Zidek W, Tepel M, Mahfoud F, Jankowski J, Muñoz-Castañeda JR, Jankowski V. Pyridoxal-5'-phosphate: A cost-effective treatment candidate for hypertensive patients?. JOURNAL OF INTERNAL MEDICINE. 2024. 435-448. DOI: 10.1111/joim.20015. IF: 9 Q1 D1

2. Rodríguez-Ortiz ME, Jurado-Montoya D, Valdés-Díaz K, García-Sáez RM, Torralbo AI, Obrero T, Vidal-Jiménez V, Jiménez MJ, Carmona A, Guerrero F, de Mier MVPR, Rodelo-Haad C, Canalejo A, Rodríguez M, Soriano-Cabrera S, Muñoz-Castaneda JR. Cognitive Impairment Related to Chronic Kidney Disease Is Associated with a Decreased Abundance of Membrane-Bound Klotho in the Cerebral Cortex. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. DOI: 10.3390/ijms25084194. IF: 4,9 Q1 D3

3. Díaz-Tocados JM, Rodríguez-Ortiz ME, Herencia C, López-Baltanás R, Jurado-Montoya D, García-Saez RM, Valdés-Díaz K, Martínez-Moreno JM, Santamaría R, de Mier MVPR, Rodelo-Haad C, Frazao JM, Felsenfeld AJ, Rodriguez M, Almadén Y, Muñoz-Castañeda JR. Comparative effects of calcitriol and calcimimetic on bone health in renal insufficiency. FASEB JOURNAL. 2024. DOI: 10.1096/fj.202302704R. IF: 4,4 Q1 D2

4. López-Romero LC, Broseta JJ, Roca-Marugán M, Muñoz-Castañeda JR, Lahoz A, Hernández-Jaras J. Metabolomics of Plasma in XLH Patients with Arterial Hypertension: New Insights into the Underlying Mechanisms. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. DOI: 10.3390/ijms25063545. IF: 4,9 Q1 D3

5. Fernández-Villabrille S, Martín-Carro B, Martín-Vírgala J, Rodríguez-Santamaria MD, Baena-Huerta F, Muñoz-Castañeda JR, Fernández-Martín JL, Alonso-Montes C, Naves-Díaz M, Carrillo-López N, Panizo S. Novel Biomarkers of Bone Metabolism. NUTRIENTS. 2024. DOI: 10.3390/nu16050605. IF: 4,8 Q1 D2

» ACTIVITY:

- Nº ONGOING PROJECTS: 10
- Nº GRANTED PROJECTS IN 2024: 3

» ADDITIONAL INFORMATION:

- NETWORKS: 5
 - PAIDI CTS-179
 - European Uremic Toxic (EUTOX)
 - CKD-MBD GROUP (ERA-EDTA)
 - PerMediK- Personalized medicine in chronic kidney disease: improved outcome based on Big Data
 - Redes de Investigación Cooperativa Orientadas a Resultados en Salud (RICORS)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 8
 - ACCIÓN A. REFUERZO ANUAL DE LA ACTIVIDAD INVESTIGADORA EN LAS UNIDADES CLÍNICAS DEL SAS 2023. Funding Agency: SERVICIO ANDALUZ DE SALUD. JUAN MARIANO RODRÍGUEZ PORTILLO
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS MIGUEL SERVET 2021. Funding Agency: INSTITUTO DE SALUD CARLOS III. Mª ENCARNACIÓN RODRÍGUEZ ORTIZ
 - PAIDI 2020 – AYUDAS A LA CONTRATACIÓN DE PERSONAL INVESTIGADOR DOCTOR POR PARTE DE LAS UNIVERSIDADES Y ENTIDADES PÚBLICAS DE INVESTIGACIÓN 2019. Funding Agency: CONSEJERÍA DE UNIVERSIDAD, INVESTIGACIÓN E INNOVACIÓN. JULIO MANUEL MARTÍNEZ MORENO
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2021. Funding Agency: INSTITUTO DE SALUD CARLOS III. TERESA OBRERO SOJO
 - PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. DANIEL JURADO MONTOYA
 - PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. GONZALO PINAGLIA TOBARUELA
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS JUAN RODÉS 2020. Funding Agency: INSTITUTO DE SALUD CARLOS III. MARIA VICTORIA PENDON RUIZ DE MIER
 - ACCIÓN C. IMPULSO DE LA INVESTIGACIÓN TRASLACIONAL DE LAS UGC (PROGRAMA NICOLÁS MONARDES) 2019. Funding Agency: SERVICIO ANDALUZ DE SALUD. JUAN RAFAEL MUÑOZ CASTAÑEDA
- 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
Martin	Palanco	Vanesa	R2
Nogueras	Martin	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:

1. de la Torre, EP; Serrano, J; Martínez-Cuadrón, D; Torres, L; Sargas, C; Ayala, R; Bilbao-Sieyro, C; Chillón, MC; Larráyo, MJ; Soria, E; Aparicio-Pérez, C; Bergua, JM; Bernal, T; Gil, C; Tormo, M; Algarra, L; Alonso-Domínguez, JM; Rodríguez-Arbolí, E; Martínez-Sanchez, P; Oliva, A; Colorado-Araujo, AM; Rodríguez-Medina, C; Vives, S; Hermosin, L; Martínez-López, J; García-Sanz, R; Pérez-Simón, JA; Calasanz, MJ; Gómez-Casares, MT; Barragán, E; Sánchez-García, JJ; Montesinos, P; ETHEMA grp. Validation of mutated CEBPA bZIP as a distinct prognosis entity in acute myeloid leukemia: a study by the Spanish PETHEMA registry. HAEMATOLOGICA. 2024. 2682-2687. DOI: 10.3324/haematol.2023.284601. IF: 8,2 Q1 D2

2. Pavlovic K, Carmona-Luque M, Corsi GI, Maldonado-Pérez N, Molina-Estevez FJ, Peralbo-Santaella E, Cortijo-Gutiérrez M, Justicia-Lirio P, Tristán-Manzano M, Ronco-Díaz V, Ballesteros-Ribelles A, Millán-López A, Heredia-Velázquez P, Fuster-García C, Cathomen T, Seemann SE, Gorodkin J, Martin F, Herrera C, Benabdellah K. Generating universal anti-CD19 CAR T cells with a defined memory phenotype by CRISPR/Cas9 editing and safety evaluation of the transcriptome. FRONTIERS IN IMMUNOLOGY. 2024. DOI: 10.3389/fimmu.2024.1401683. IF: 5,7 Q1 D3

3. Ballesteros-Ribelles A, Millán-López A, Carmona-Luque M, Herrera C. Granulocyte Colony Stimulating Factor-Mobilized Peripheral Blood Mononuclear Cells: An Alternative Cellular Source for Chimeric Antigen Receptor Therapy. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. DOI: 10.3390/ijms25115769. IF: 4,9 Q1 D3

4. Crisà E, Mora E, Germing U, Bally C, Campelo MD, Myllymäki M, Jädersten M, Komrokji R, Platzbecker U, Haase D, Hofmann WK, Al Ali NH, Barraco D, Bargay JJ, Bernal T, Cadenas FL, Calvisi A, Capodanno I, Cerrano M, Ciancia R, Crugnola M, Kündgen A, Finelli C, Fozza C, Frairia C, Freja E, Ganster C, Kubasch AS, Jimenez MJ, Latagliata R, Mohedo FH, Molero A, Pampliega MV, Perez CA, Pietrantuono G, Poloni A, Pomares H, Recasens V, Rüfer A, Signori A, Hellstrom-Lindberg E, Fenaux P, Sanz G, Santini V. Transfusion independence after lenalidomide discontinuation in patients with del(5q) myelodysplastic neoplasm: a HARMONY Alliance study. LEUKEMIA. 2024. 2259-2265. DOI: 10.1038/s41375-024-02360-1. IF: 12,8 Q1 D1

5. Justicia-Lirio P, Tristán-Manzano M, Maldonado-Pérez N, Barbero-Jiménez C, Cortijo-Gutiérrez M, Pavlovic K, Molina-Estevez FJ, Muñoz P, Hinckley-Boned A, Rodríguez-Madoz JR, Prosper F, Griñán-Lison C, Navarro-Marchal SA, Panisello C, Muñoz-Ballester J, González-Sierra PA, Herrera C, Marchal JA, Martín F. First-in-class transactivator-free , doxycycline-inducible IL-18-engineered CAR-T cells for relapsed/refractory B cell lymphomas. MOLECULAR THERAPY NUCLEIC ACIDS. 2024. DOI: 10.1016/j.omtn.2024.102308. IF: 6,5 Q1 D2

» ACTIVITY:

- Nº ONGOING PROJECTS: 2
- Nº GRANTED PROJECTS IN 2024: 1
- Nº PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 4
 - 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: 4
 - ACCIÓN A. REFUERZO ANUAL DE LA ACTIVIDAD INVESTIGADORA EN LAS UNIDADES CLÍNICAS DEL SAS 2023. Funding Agency: SERVICIO ANDALUZ DE SALUD. INMACULADA CONCEPCIÓN HERRERA ARROYO
 - PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO-ALEJANDRO MILLAN LOPEZ
 - PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- ANTONIO BALLESTEROS RIBELLES
 - RENOVACIÓN TECNICOS VINCULADOS A ECAIS 2023. Funding Agency: SERVICIO ANDALUZ DE SALUD-ROSARIO JIMENEZ MORENO
- 19 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	R3
Castillo	Domínguez	Juan Carlos	R3
Delgado	Ortega	Mónica María	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
Hidalgo	Lesmes	Francisco José	R3
Crespin	Crespin	Manuel	R3
Gutiérrez	Ballesteros	Guillermo	R3
González	Manzanares	Rafael	R2
Gallo	Fernández	Ignacio	R1
Maestre	Fernández	Luis Carlos	R1
Perea	Armijo	Jorge	R1
Cebrián	Salgado	Eva	ADM

» 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. Baumbach A, 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, Angerås O, Kim WK, Rothe J, Kristic I, Peral V, Garg S, Elzomor H, Tobe A, Morice MC, Onuma Y, Soliman O, Serruys PW. LANDMARK comparison of early outcomes of newer- generation Myval transcatheter heart valve series with contemporary valves (Sapient and Evolut) in real-world individuals with severe symptomatic native aortic stenosis: a randomised non-inferiority trial. LANCET. 2024. 2695-2708. DOI: 10.1016/S0140-6736(24)00821-3. IF: 98,4 Q1 D1

2. Gonzalez-Manzanares R, Anguita-Gámez M, Muñiz J, Barrios V, Gimeno-Orna JA, Pérez A, Rodríguez-Padial L, Anguita M. Prevalence and incidence of heart failure in type 2 diabetes patients: results from a nationwide prospective cohort-the DIABET-IC study. CARDIOVASCULAR DIABETOLOGY. 2024. DOI: 10.1186/s12933-024-02358-0. IF: 8,5 Q1 D1

3. Fernández-Avilés C, González-Manzanares R, Ojeda S, Molina J, Heredia C, Resua A, Hidalgo F, López-Aguilera J, Mesa D, Anguita M, Castillo JC, Pan M. Diastolic function assessment with left atrial strain in long-term survivors of childhood acute leukemia. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 60-68. DOI: 10.1016/j.rec.2023.05.001. IF: 7,2 Q1 D2

4. Pan M, Pericet C, González-Manzanares R, Díaz MA, Suárez de Lezo J, Hidalgo F, Alvarado M, Dueñas G, Gómez E, Espejo S, Perea J, Romero M, Ojeda S. Very long-term follow-up after aortic stenting for coarctation of the aorta. Revista Espanola de Cardiologia. 2024. 332-341. DOI: 10.1016/j.rec.2023.10.004. IF: 7,2 Q1 D2

5. Ruiz Ortiz M, Arbelo E, Roldán I, Marín F, Pérez Cabeza A, Marzoa R, Peinado R, Valle A, Ibáñez A, Valle A, Osca J, Del Río A, Elola FJ, Anguita M. Investigators of the SEC- EXCELENTE FA registry; Ruiz Ortiz M, Peinado R, Arbelo E, Valle A, Ibáñez A, Valle A, Osca J, Del Río A, Pérez Cabeza A. The European Society of Cardiology quality indicators in atrial fibrillation in centers of excellence in Spain: the SEC-EXCELENTE FA registry. Rev Esp Cardiol (Engl Ed). 2024 Sep 18:S1885-5857(24)00272-X. doi: 10.1016/j.rec.2024.08.007. IF: 7,2 Q1 D2

» CLINICAL GUIDES:

1. Comité de guías de la SEC: Pablo Avanzas (presidente), Pilar Mazón (secretaria), Rut Andrea Ribas, Marisol Bravo Amaro, Alberto Cordero Fort, Marisa Crespo, F. Javier Jiménez Candil, María Antonia Martínez Momblan, Sonia Mirabet Pérez, Juan Sanchis Forés, Marta Sitges Carreño, José M. de la Torre, Javier Torres Llergo y David Vivas. Grupo de Trabajo de la SEC para la guía 2024 sobre el diagnóstico y el tratamiento de la enfermedad arterial periférica y aórtica: Javier Torres Llergo (coordinador), Raquel Campuzano Ruiz (coordinador), José Antonio Alarcón Duque, Juan José Gómez Doblas, Rafael Mesa Rico, Soledad Ojeda Pineda, Patricia Palau Sempio y Enrique María San Norberto García. Comments on the 2024 ESC guidelines for the management of peripheral arterial and aortic diseases. Rev Esp Cardiol. 2025;78(3):164–169.

2. Implantada en centros sanitarios: SI

» ACTIVITY:

- Nº ONGOING PROJECTS: 3
- Nº GRANTED PROJECTS IN 2024: 1
- Nº CLINICAL TRIALS: 36
- Nº PHD THESES: 3

» ADDITIONAL INFORMATION:

- NETWORKS: 3
 - European Bifurcation Club
 - European Society of Cardiology
 - Spanish Society of Cardiology
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 2
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2022. Funding Agency: INSTITUTO DE SALUD CARLOS III- RAFAEL GONZÁLEZ MANZANARES
 - PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO- ISABEL POZUELO SANCHEZ

- AWARDS: 8
 1. Premio al Mejor Artículo Publicado en Revista Nacional o Internacional, titulado: “Coronary obstruction after transcatheter aortic valve replacement: insights from the spanish TAVI REGISTRY”. Otorgado en el 57º Congreso de la Sociedad Andaluza de Cardiología”.
 2. Primer Premio Médico de la Industria. Al trabajo titulado: “Imagen Angiográfica Dudosa En Reestenosis De Ostium De Circunfleja ¿La Oct Nos Da La Clave?”. Entidad Financiadora: ABBOTT S.A. En el 35º Congreso de la Asociación de Cardiología Intervencionista de la Sociedad Española de Cardiología.
 3. Primer Premio Médico de la Industria. Entidad Financiadora: IZASA S.A. Al trabajo titulado: “Tratamiento De Oclusión Crónica En El Contexto De Enfermedad Multivaso Y Disfunción Ventricular Asistido Por Impella Vía Axilar”. En el 35º Congreso de la Asociación de Cardiología Intervencionista de la Sociedad Española de Cardiología.
 4. Primer Premio Médico de la Industria. Entidad Financiadora: PHILIPS S.A. Al trabajo titulado: “Optimización de Revascularización Multivaso: Reducción de Contraste con Fisiología e Imagen”. En el 35º Congreso de la Asociación de Cardiología Intervencionista de la Sociedad Española de Cardiología.
 5. Segundo Premio Médico de la Industria. Al trabajo titulado: “Disfunción Microvascular En Angina De Larga Data Que Mejora Con Tratamiento Específico”. Entidad Financiadora: ABBOTT S.A. En el 35º Congreso de la Asociación de Cardiología Intervencionista de la Sociedad Española de Cardiología.
 6. Segundo Premio Médico de la Industria. Al trabajo titulado: “Cuando una Cto de Coronaria Derecha se Convierte en Pesadilla: Importancia de la Asistencia Mecánica”. Entidad Financiadora: WORLD MEDICAL S.A. En el 35º Congreso de la Asociación de Cardiología Intervencionista de la Sociedad Española de Cardiología.
 7. Premio Médico de la Industria. Al trabajo titulado: “PURE DCB” en Cuatrifurcación de Tronco Común en la Coronaria Izquierda. Entidad Financiadora: WORLD MEDICAL S.A. En el 35º Congreso de la Asociación de Cardiología Intervencionista de la Sociedad Española de Cardiología.
 8. Beca de ayuda para proyectos de Investigación Clínica o Epidemiológica en Salud Cardiovascular de la Sociedad Española de Cardiología y Fundación Española del Corazón al trabajo “Tratamiento percutáneo sobre la insuficiencia tricúspide: impacto en la capacidad funcional evaluada mediante ergoespiometría”, Código de referencia (SEC/FEC-INV-CLI 24/01).

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
Velasco	Gimena	Francisco	R4	0000-0002-1908-0894
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	R1	
Yébenes	Ramírez	Manuel (*)	R1	
Millán	Troya	Mª Jimena	T	

(*) Till July 2024

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Acute leukemia	Allogenic stem cell transplantation
Lymphoma	Hypercoagulability

» HIGHLIGHTED PUBLICATIONS:

1. Díez-Campelo M, López-Cadenas F, Xicoy B, Lumbreras E, González T, González MD, Sánchez-García J, Jordà RC, Slama B, Hernández-Rivas JA, Thepot S, Bernal T, Guerci-Bresler A, Bargay J, Amigo ML, Preudhomme C, Fenwarth L, Platzbecker U, Götze KS, Arar A, Toribio S, Del Cañizo C, Hernández-Rivas JM, Fenaux P. Low dose lenalidomide versus placebo in non-transfusion dependent patients with low risk, del(5q) myelodysplastic syndromes (SintraREV): a randomised, double-blind, phase 3trial. LANCET HAEMATOLOGY. 2024. e659-e670. DOI: 10.1016/S2352-3026(24)00142-X.
IF: 15,4 Q1 D1

2. Abrisqueta P, González-Barca E, Ferrà C, Ríos-Herranz E, de la Mata MF, Delgado J, Andreu R, Hernández-Rivas JA, Terol MJ, Navarro A, Vidriales MB, Baltasar P, De la Serna J, Ramirez A, Ballester C, Moreno C, García-Marco JA, Córdoba R, Yáñez L, Casado LF, González M, Bosch F. Ibrutinib followed by ofatumumab consolidation in previously untreated patients with chronic lymphocytic leukemia (CLL): GELLC-7 trial from the Spanish group of CLL (GELLC). ECLINICALMEDICINE. 2024. DOI: 10.1016/j.eclinm.2024.102642.
IF: 9,6 Q1 D1

3. Puig N, Agullo C, Contreras T, Perez JJ, Aires I, Calasanz MJ, Garcia-Sanz R, Castro S, Martinez-Lopez J, Rodriguez-Otero P, Gonzalez-Calle V, Gonzalez MS, Oriol A, Gutierrez NC, Rios-Tamayo R, Rosinol L, Alvarez MA, Bargay J, Gonzalez-Rodriguez AP, Alegre A, Escalante F, Inigo MB, de la Rubia J, Teruel AI, de Arriba F, Palomera L, Hernandez MT, Lopez-Jimenez J, Reinoso M, Garcia-Mateo A, Ocio EM, Blade J, Lahuerta JJ, Cedena MT, Paiva B, Miguel JFS, Mateos MV. Single-point and kinetics of peripheral residual disease by mass spectrometry to predict outcome inpatients with high-risk smoldering multiple myeloma included in the GEM-CESAR trial. HAEMATOLOGICA. 2024. 4056-4066. DOI: 10.3324/haematol.2024.285742.
IF: 8,2 Q1 D2

4. Martínez-Cuadrón D, Megías-Vericat JE, Gil C, Bernal T, Tormo M, Martínez-Sánchez P, Rodríguez-Medina C, Serrano J, Herrera P, Simón JAP, Sayas MJ, Bergua J, Lavilla-Rubira E, Amigo ML, Benavente C, Lorenzo JLL, Pérez-Encinas MM, Vidriales MB, 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, Solana-Altabella A, Boluda B, Montesinos P. Outcomes after intensive chemotherapy for secondary and myeloid-related changes acute myeloid leukemia patients aged 60 to 75 years old: a retrospective analysis from the PETHEMA registry. HAEMATOLOGICA. 2024. 115-128. DOI: 10.3324/haematol.2022.282506.
IF: 8,2 Q1 D2

5. Fernández-Avilés C, González-Manzanares R, Ojeda S, Molina J, Heredia C, Resua A, Hidalgo F, López-Aguilera J, Mesa D, Anguita M, Castillo JC, Pana M. Diastolic function assessment with left atrial strain in long-term survivors of childhood acute leukemia. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 60-68. DOI: 10.1016/j.rec.2023.05.001.
IF: 7,2 Q1 D2

» **ACTIVITY:**

- N° ONGOING PROJECTS: 1
- N° GRANTED PROJECTS IN 2024: 1
- N° CLINICAL TRIALS: 21

» **ADDITIONAL INFORMATION:**

- NETWORKS: 5
 1. Programa Español de Tratamientos en Hematología (PETHEMA)
 2. Grupo Español de Síndromes Mielodisplásicos (GESMD)
 3. European Society for Blood and Marrow Transplantation (EBMT)
 4. Observational Immune Tolerance Induction research programme (IbsITI)
 5. PAIDI CTS-620
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS:
 1. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- ESTHER PRADOS DE LA TORRE
- 11 AGREEMENTS WITH COMPANIES

GC17:
PHYSIOPATHOLOGY OF ENDOCRINE VITAMIN D SYSTEM
BIOTECHNOLOGY AND AGING

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» **TEAM**

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Gálvez	Moreno	María Ángeles	R4	0000-0002-1680-1932
Casado	Díaz	Antonio	R3	
Calañas	Continente	Alfonso	R3	
Carrera	González	María del Pilar	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	Vanessa	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 (MSCh) of adult adipocytes	Osteoblasts
Adipocytes	Endothelial Progenitor Cells
Extracellular vesicles	Exosomes
Aging	Obesity
Regenerative medicine	Wound healing
Biomarkers	

» **HIGHLIGHTED PUBLICATIONS:**

1.

Herrera-Martínez AD, Prior-Sánchez I, Fernández-Soto ML, García-Olivares M, Novo-Rodríguez C, González-Pacheco M, Martínez-Ramírez MJ, Carmona-Llanos A, Jiménez-Sánchez A, Muñoz-Jiménez C, Torres-Flores F, Fernández-Jiménez R, Boughanem H, Del Galindo-Gallardo MC, Luengo-Pérez LM, Molina-Puerta MJ, García-Almeida JM. Improving the nutritional evaluation in head neck cancer patients using bioelectrical impedance analysis: Not only the phase angle matters. J Cachexia Sarcopenia Muscle. 2024 Dec;15(6):2426-2436. doi: 10.1002/jcsm.13577.
IF: 9,4 Q1 D1

2.

Herrera-Martínez AD, Navas Romo A, León-Idougourram S, Muñoz-Jiménez C, Rodríguez-Alonso R, Manzano García G, Camacho-Cardenosa M, Casado-Díaz A, Gálvez-Moreno MÁ, Molina Puertas MJ, Jurado Roger A. Int J Mol Sci. 2024 May 27;25(11):5821. doi: 10.3390/ijms25115821.
IF: 4,9 Q1

3.

Herrera-Martínez AD, Jiménez CM, Romo AN, Aguilera JL, Crespin MC, Baena BT, Casado-Díaz A, Moreno MÁG, Puerta MJM, Roger AJ. Nutritional Support Reduces Circulating Cytokines in Patients with Heart Failure. Nutrients. 2024 May 27;16(11):1637. doi: 10.3390/nu16111637.
IF: 4,8 Q1

4.

Calañas-Continente A, Gutiérrez-Botella J, García-Currás J, Cobos MJ, Vaquero JM, Herrera A, Molina MJ, Gálvez MÁ. Global Leadership Initiative on Malnutrition-Diagnosed Malnutrition in Lung Transplant Candidates. Nutrients. 2024 Jan 27;16(3):376. doi: 10.3390/nu16030376.
IF: 4,8 Q1

5.

Camacho-Cardenosa M, Pulido-Escribano V, Torrecillas-Baena B, Quesada-Gómez JM, Herrera-Martínez AD, Sola-Guirado RR, Dorado G, Gálvez-Moreno MÁ, Casado-Díaz A. Combined Effects of Cyclic Hypoxic and Mechanical Stimuli on Human Bone Marrow Mesenchymal Stem Cell Differentiation: A New Approach to the Treatment of Bone Loss. J Clin Med. 2024 Sep 28;13(19):5805. doi: 10.3390/jcm13195805.
IF: 3 Q1

» **ACTIVITY:**

- N° ONGOING PROJECTS: 7
- N° GRANTED PROJECTS IN 2024: 1
- N° CLINICAL TRIALS: 3

» **ADDITIONAL INFORMATION:**

- NETWORKS: 3
 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: 7
 1. ACCIÓN A. CONTRATO REFUERZO CON RRHH DE LA ACTIVIDAD INVESTIGADORA EN LAS UC DEL SAS. Funding Agency: Consejería de Salud y Familias – Junta de Andalucía. M^a ÁNGELES GÁLVEZ MORENO Y ALFONSO CALAÑAS CONTINENTE
 2. ACCIÓN B. CONTRATO REFUERZO CON RRHH DE LA ACTIVIDAD INVESTIGADORA EN LAS UC DEL SAS. Funding Agency: Consejería de Salud y Familias – Junta de Andalucía. AURA DULCINEA HERRERA MARTÍNEZ
 3. ACCIÓN C. IMPULSO DE LA INVESTIGACIÓN TRASLACIONAL DE LAS UC (PROGRAMA NICOLÁS MONARDES) 2020. Funding Agency: SERVICIO ANDALUZ DE SALUD. ANTONIO CASADO DÍAZ
 4. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. VICTORIA MARIA PULIDO ESCRIBANO
 5. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS JUAN RODÉS 2019. Funding Agency: INSTITUTO DE SALUD CARLOS III. AURA DULCINEA HERRERA MARTÍNEZ
 6. PAIDI 2020 – AYUDAS A LA CONTRATACIÓN DE PERSONAL INVESTIGADOR DOCTOR POR PARTE DE LOS AGENTES DEL SISTEMA ANDALUZ DEL CONOCIMIENTO 2021. Funding Agency: CONSEJERÍA DE UNIVERSIDAD, INVESTIGACIÓN E INNOVACIÓN. MARTA CAMACHO CARDEÑOSA
 7. CONVOCATORIA PLAN PROPIO DEL IMIBIC 2022. Funding Agency: FIBICO. FUNDACION PARA LA INVESTIGACIÓN BIOMÉDICA DE CÓRDOBA. ANTONIO CASADO DÍAZ
- 10 AGREEMENTS WITH COMPANIES

GC18:

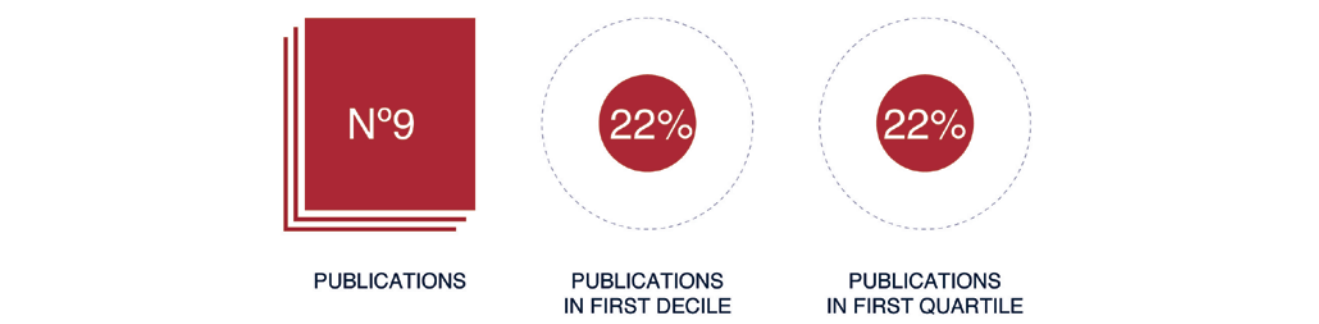
TRANSLATIONAL RESEARCH IN SURGERY OF SOLID ORGAN TRANSPLANTATION

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» **TEAM**

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Briceño	Delgado	Francisco Javier	R4	0000-0001-7027-7898
Ciria	Bru	Ruben	R3	
López	Cillero	Pedro	R3	
Durán	Martínez	Manuel	R2	
Calleja	Lozano	Rafael	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.

Calleja R, Aguilera E, Durán M, de Villar JMP, Padial A, Luque-Molina A, Ayllón MD, López-Cillero P, Ciria R, Briceño J. Predicting waitlist dropout in hepatocellular carcinoma: a narrative review. TRANSLATIONAL GASTROENTEROLOGY AND HEPATOLOGY. 2024. -. DOI: 10.21037/tgh-24-24.
IF: 3,8 Q2

2.

Rufián-Andújar B, Medina-Fernández FJ, Bergillos-Jiménez M, Díaz-López CA, Briceño-Delgado FJ. Robotic and transvaginal excision of rectal leiomyoma - a video vignette. COLORECTAL DISEASE. 2024. 397-398. DOI: 10.1111/codi.16832.
IF: 2,9 Q2

3. Rodríguez A, Martín-Loeches I, Moreno G, Díaz E, Ferré C, Salgado M, Marín-Corral J, Estella A, Solé-Violán J, Trefler S, Zaragoza R, Socias L, Borges-Sa M, Restrepo M, Guardiola JJ, Reyes LF, Albaya-Moreno A, Berlanga AC, Ortiz MD, Ballesteros JC, Chinesta SS, Laderas JCP, Gómez J, Bodí M. Association of obesity on the outcome of critically ill patients affected by COVID-19. MEDICINA INTENSIVA. 2024. 142-154. DOI: 10.1016/j.medine.2023.08.003.

IF: 2,7 Q2

4. Ceccato A, Forne C, Bos LD, Camprubi-Rimblas M, Areny-Balaguero A, Campana-Duel E, Quero S, Diaz E, Roca O, De Gonzalo-Calvo D, Fernandez-Barat L, Motos A, Ferrer R, Riera J, Lorente JA, Penuelas O, Menendez R, Amaya-Villar R, Anon JM, Balan-Marino A, Barbera C, Barberan J, Blandino-Ortiz A, Boado MV, Bustamante-Munguira E, Caballero J, Carbajales C, Carbonell N, Catalan-Gonzalez M, Franco N, Galban C, Gumucio-Sanguino VD, de la Torre MD, Estella A, Gallego E, Garcia-Garmendia JL, Garnacho-Montero J, Gomez JM, Huerta A, Jorge-Garcia RN, Loza-Vazquez A, Marin-Corral J, de la Gandara AM, Martin-Delgado MC, Martinez-Varela I, Messa JL, Muniz-Albaiceta G, Nieto MT, Novo MA, Penasco Y, Pozo-Laderas JC, Perez-Garcia F, Ricart P, Roche-Campo F, Rodriguez A, Sagredo V, Sanchez-Miralles A, Sancho-Chinesta S, Socias L, Sole-Violan J, Suarez-Sipmann F, Tamayo-Lomas L, Trenado J, Ubeda A, Valdivia LJ, Vidal P, Bermejo J, Gonzalez J, Barbe F, Calfee CS, Artigas A, Torres A, Adell-Serrano B, Cabello MA, Aguilera L, Alcaraz-Serrano V, Aldecoa C, Alegre C, Almansa R, Alvarez S, Ruiz AA, Villar RA, Andrea R, Novo MA, Angel J, Anon JM, Arrieta M, Ayestaran J, Badia JR, Badia M, Pravia OB, Marino AB, Balsera B, Barbera C, Barberan J, Barbena L, Barbeta E, Bardi T, Segade PB, Barroso M, Garcia JAB, Bermejo-Martin JF, Betere B, Bigas J, Ortiz AB, Blancas R, Cortes MLB, Boado M, Saera MB, Bofill N, Vieiro MTB, Bueno L, Bustamante-Munguira E, Bustamante-Munguira J, Martinez CD, Caballero J, Hermoso DC, Fernandez SC, Carbajales C, Cano I, Canton-Bulnes ML, Carbonell N, Fernandez PC, Garcia LC, Carvalho S, Casacuberta-Barbera N, Castella M, Castellvi A, Castro P, Catalan-Gonzalez M, Avila RC, Cilloniz C, Clar L, Climent C, Codina J, Conde P, Contreras S, Martin MC, Sanchez RD, De Mendoza D, Diaz E, Diaz Y, Vilas MDR, Moreno CD, Dot I, Giraudo PE, Arijon IE, Estella A, Monjo TF, Fernandez J, Ferrando C, Figueras A, Forcadell-Ferreres E, Espina LF, Franco N, Franquesa E, Furro A, Gabarrus A, Galban C, Gallego E, Garcia F, Garcia B, Garmendia JLG, Garcia-Gasulla D, Prieto EG, Redruello CG, Sagastume AG, Garnacho-Montero J, Castillo MLG, Goma G, Gomez JM, Casal VG, Gomez S, Gonzalez CG, de Gonzalo-Calvo D, Gonzalez J, Gordo F, Gracia MP, Gumucio-Sanguino VD, Herraiz A, Herran-Monge R, Huerta A, Ibarz M, Iglesias S, Janer MT, Jimenez G, Garcia RNJ, Diaz MJ, Kiarostami K, Alvarez JI, Leon M, Lopez-Gavin A, Lago AL, Messa JL, Lopez-Ramos E, Loza-Vazquez A, Guerrero DM, Herrera NM, Mendiluce RM, Mantellini CL, Naya GM, Marcos P, Marin-Corral J, Peis EM, Vicente PM, Martinez M, Fernandez CEM, de la Gandara AM, Juan MDM, Palacios BM, Varela IM, Jimenez JFM, Masclans JR, Maseda E, Fernandez EMM, Miralbes M, Monclou J, Montejo-Gonzalez JC, Montserrat N, Aznar MM, Morales D, Cano SGM, Rodriguez DM, Munoz-Bermudez R, Albaiceta GM, Nicolas JM, Nieto MT, Bou RN, Salinas RN, Ocon M, Ortega A, Ossa S, Pagliarani P, Parrilla F, Pedregosa-Diaz J, Penasco Y, Penuelas O, Bastida LP, Perez P, Perez-Garcia F, Planelles GP, Rubio EP, Laguna DP, Prados J, Pujol A, Pozo JC, Coll NR, Sanchez-Giron GR, Riera J, Ricart P, Roche-Campo F, Rodriguez A, Rodriguez L, de Castro FR, Rodriguez S, Ruiz CR, Rubio J, Lopez AR, Ruiz-Garcia AL, Miralles MR, Murua PR, Paz ES, Sagredo V, Degracia AS, Salvador-Adell I, Sanchez M, Sanchez A, Sanchez-Miralles A, Chinesta SS, Santacoloma B, Sanchez M, Sarinena MT, Pensado MS, Serra L, Serra-Fortuny M, Lazaro AS, Servia L, Socias L, Soliva L, Sole-Violan J, Sipmann FS, Speziale C, Lomas LT, Tormos A, de la Torre MD, Torres G, Torres M, Trefler S, Trenado J, Trujillano J, Ubeda A, Urrelo-Cerron L, Val E, Valledor M, Ruiz LV, Vallverdu M, Martin-montalvo MV, Adrio SV, Vazquez N, Vengoechea J, Vidal P, Vila-Vilardel C, Vilanova J, Warrington TV, Yang H, Yang ML, Zapatero A. Clustering COVID-19 ARDS patients through the first days of ICU admission. An analysis of the CIBERESUCICOVID Cohort. CRITICAL CARE. 2024. -. DOI: 10.1186/s13054-024-04876-5.

IF: 8,8 Q1 D1

5. Perrone G, Giuffrida M, Abu-Zidan F, Kruger VF, Livrini M, Petracca GL, Rossi G, Tarasconi A, Tian BWCA, Bonati E, Mentz R, Mazzini FN, Campana JP, Gasser E, Kafka-Ritsch R, Felsenreich DM, Dawoud C, Riss S, Gomes CA, Gomes FC, Gonzaga RAT, Canton CAB, Pereira BM, Fraga GP, Zem LG, Cordeiro-Fonseca V, Tauil RD, Atanasov B, Belev N, Kovachev N, Meléndez LJJ, Dimova A, Dimov S, Zelic Z, Augustin G, Bogdanic B, Moric T, Chouillard E, Bajul M, De Simone B, Panis Y, Esposito F, Notarnicola M, Lauka L, Fabbri A, Hentati H, Fnaiech I, Aurélien V, Bougard M, Roulet M, Demetrashvili Z, Pipia I, Merabishvili G, Bouliaris K, Koukoulis G, Doudakmanis C, Xenaki S, Chrysos E, Kokkinakis S, Vassiliu P, Michalopoulos N, Margaris I, Kechagias A, Avgerinos K, Katunin J, Lostoridis E, Nagorni EA, Pujante A, Mulita F, Maroulis I, Vailas M, Marinis A, Siannis I, Bourbouteli E, Manatakis DK, Tasis N, Acheimastos V, Maria S, Stylianos K, Kuzeridis H, Korkolis D, Fradelos E, Kavalieratos G, Petropoulou T, Polydorou A, Papacostantinou I, Triantafyllou T, Kimpizi D, Theodorou D, Toutouzas K, Chamzin A, Frountzas M, Schizas D, Karavokyros I, Syllaïos A, Charalabopoulos A, Boura M, Baili E, Ioannidis O, Loutzidou L, Anestiadou E, Tsouknidas I, Petrakis G, Polenta E, Bains L, Gupta R, Singh SK, Khanduri A, Bala M, Kedar A, Pisano M, Podda M, Pisanu A, Martinez G, Trigiant G, Lantone G, Agrusa A, Di Buono G, Buscemi S, Veroux M, Gioco R, Veroux G, Oragano L, Zonta S, Lovisetto F, Feo CV, Pesce A, Fabbri N, Lantone G, Marino F, Perrone F, Vincenti L, Papagni V, Picciariello A, Rossi S, Picardi B, Del Monte SR, Visconti D, Osella G, Petruzzelli L, Pignata G, Andreuccetti J, D’Alessio R, Buonfantino M, Guaitoli E, Spinelli S, Sampietro GM, Corbellini C, Lorusso L, Frontali A, Pezzoli I, Bonomi A, Chierici A, Cotsoglou C, Manca G, Delvecchio A, Musa N, Casati M, Letizia L, Abate E, Ercolani G, D’Acapito F, Solaini L, Guercioni G, Cicconi S, Sasia D, Borghi F, Giraudo G, Sena G, Castaldo P, Cardamone E, Portale G, Zuin M, Spolverato Y, Esposito M, Isernia RM, Di Salvo M, Manunza R, Esposito G, Agus M, Asti

ELG, Bernardi DT, Tonucci TP, Luppi D, Casadei M, Bonilauri S, Pezzolla A, Panebianco A, Laforgia R, De Luca M, Zese M, Parini D, Jovine E, De Sario G, Lombardi R, Aprea G, Palomba G, Capuano M, Argenio G, Orio G, Armellino MF, Troian M, Guerra M, Nagliati C, Biloslavo A, Germani P, Aizza G, Monsellato I, Chahrour AC, Anania G, Bombardini C, Bagolini F, Sganga G, Fransvea P, Bianchi V, Boati P, Ferrara F, Palmieri F, Cianci P, Gattulli D, Restini E, Cillara N, Cannavera A, Nita GE, Sarnari J, Roscio F, Clerici F, Scandroglio I, Berti S, Cadeo A, Filippelli A, Conti L, Grassi C, Cattaneo GM, Pighin M, Papis D, Gambino G, Bertino V, Schifano D, Prando D, Fogato L, Cavallo F, Ansaloni L, Picheo R, Pontarolo N, Depalma N, Spampinato M, D’Ugo S, Lepre L, Capponi MG, Campa RD, Sarro G, Dinuzzi VP, Olmi S, Uccelli M, Ferrari D, Inama M, Moretto G, Fontana M, Favi F, Picariello E, Rampini A, Barberis A, Azzinnaro A, Oliva A, Totaro L, Benzoni I, Ranieri V, Capolupo GT, Carannante F, Caricato M, Ronconi M, Casiraghi S, Casole G, Pantalone D, Alemanno G, Scheiterle M, Ceresoli M, Cereda M, Fumagalli C, Zanzi F, Bolzon S, Guerra E, Lecchi F, Cellerino P, Ardito A, Scaramuzzo R, Balla A, Lepiane P, Tartaglia N, Ambrosi A, Pavone G, Palini GM, Veneroni S, Garulli G, Ricci C, Torre B, Russo IS, Rottoli M, Tanzanu M, Belvedere A, Milone M, Manigrasso M, De Palma GD, Piccoli M, Pattacini GC, Magnone S, Bertoli P, Pisano M, Massucco P, Palisi M, Luzzi AP, Fleres F, Clarizia G, Spolini A, Kobe Y, Toma T, Shimamura F, Parker R, Ranketi S, Mitei M, Svagzdys S, Pausas H, Zilinskas J, Poskus T, Kryzauskas M, Jakubauskas M, Zakaria AD, Zakaria Z, Wong MPK, Jusoh AC, Zakaria MN, Cruz DR, Elizalde ABR, Reynaud AB, Hernandez EEL, Monroy JMVP, Hinojosa-Ugarte D, Quiodettis M, Du Bois ME, Latorraca J, Major P, Pedziwiatr M, Pisarska-Adamczyk M, Waledziak M, Kwiatkowski A, Czyzykowski L, da Costa SD, Pereira B, Ferreira ARO, Almeida F, Rocha R, Carneiro C, Perez DP, Carvas J, Rocha C, Ferreira C, Marques R, Fernandes U, Leao P, Goulart A, Pereira RG, Patrocinio SDD, de Mendonça NGG, Manso MIC, Morais HMC, Cardoso PS, Calu V, Miron A, Toma EA, Gachabayov M, Abdullaev A, Litvin A, Nechay T, Tyagunov A, Yuldashev A, Bradley A, Wilson M, Panyko A, Látecková Z, Lacko V, Lesko D, Soltes M, Radonak J, Turrado-Rodriguez V, Termes-Serra R, Morales-Sevillano X, Lapolla P, Mingoli A, Brachini G, Degiuli M, Sofia S, Reddavid R, Garberini AD, Buffone A, del Pozo EP, Aparicio-Sánchez D, Dos Barbeito S, Estaire-Gómez M, Vitón-Herrero R, Olarte-Marquez MDG, Gil-Martínez J, Alconchel F, Nicolás-López T, Rahy-Martin AC, Pelloni M, Bañolas-Suarez R, Mendoza-Moreno F, Nisa FGM, Díez-Alonso M, Rodas MEV, Agundez MC, Andrés MIP, Moreira CCL, Perez AL, Ponce IA, González-Castillo AM, Membrilla-Fernández E, Salvans S, Serradilla-Martín M, Pardo PS, Rivera-Alonso D, Dziakova J, Huguet JM, Valle NP, Ruiz EC, Valcarcel CR, Moreno CR, Salazar YTM, Garcia JJR, Mico SS, López JR, Farré SP, Gomez MS, Petit NM, Titos-García A, Aranda-Narváez JM, Romacho-López L, Sánchez-Guillén L, Aranaz-Ostariz V, Bosch-Ramírez M, Martínez-Pérez A, Martínez-López E, Sebastián-Tomás JC, Jimenez-Riera G, Jimenez-Vega J, Cuellar JAN, Campos-Serra A, Muñoz-Campaña A, Gràcia-Roman R, Alegre JM, Pinto FL, O’Sullivan SN, Antona FB, Jiménez BM, López-Sánchez J, Carmona ZG, Fernández RT, Sierra IB, de León LRG, Moreno VP, Iglesias E, Cumplido PL, Bravo AA, Simó IR, Domínguez CL, Caamaño AG, Lozano RC, Martínez MD, Torres AN, de Quiros JTMB, Pellino G, Cloquell MM, Moller EG, Jalal-Eldin S, Abdoun AK, Hamid HKS, Lohsiriwat V, Mongkhonsupphawan A, Baraket O, Ayed K, Abbassi I, Ben Ali A, Ammar H, Kchaou A, Tlili A, Zribi I, Colak E, Polat S, Koylu ZA, Guner A, Usta MA, Reis ME, Mantoglu B, Gonullu E, Akin E, Altintoprak F, Bayhan Z, Firat N, Isik A, Memis U, Bayrak M, Altintas Y, Kara Y, Bozkurt MA, Kocatas A, Das K, Seker A, Ozer N, Atici SD, Tuncer K, Kaya T, Ozkan Z, Ilhan O, Agackiran I, Uzunoglu MY, Demirbas E, Altinel Y, Meric S, Hacim NA, Uymaz DS, Omarov N, Balik E, Tebala GD, Khalil H, Rana M, Khan M, Florence C, Swaminathan C, Leo CA, Liasis L, Watfah J, Trostchansky I, Delgado E, Pontillo M, Latifi R, Coimbra R, Edwards S, Lopez A, Velmahos G, Dorken A, Gebran A, Palmer A, Oury J, Bardes JM, Seng SS, Coffua LS, Ratnasekera A, Egodage T, Echeverria-Rosario K, Armento I, Napolitano LM, Sangji NF, Hemmila M, Quick JA, Austin TR, Hyman TS, Curtiss W, McClure A, Cairl N, Biffi WL, Truong HP, Schaffer K, Reames S, Banchini F, Capelli P, Coccolini F, Sartelli M, Bravi F, Vallicelli C, Agnoletti V, Baiocchi GL, Catena F. Goodbye Hartmann trial: a prospective, international, multicenter, observational study on the current use of a surgical procedure developed a century ago. WORLD JOURNAL OF EMERGENCY SURGERY. 2024. DOI: 10.1186/s13017-024-00543-w.

IF: 6 Q1 D1

» ACTIVITY:

- N° ONGOING PROJECTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 2
 1. CIBER on Liver and Digestive Diseases (CIBERehd).
 2. PAIDI CTS-273
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 1
 1. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- RAFAEL CALLEJA LOZANO
- 3 AGREEMENTS WITH COMPANIES

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» TEAM

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

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Computer Vision	Pattern Recognition
Artificial Intelligence	

» HIGHLIGHTED PUBLICATIONS:

1. Berral-Soler R, Muñoz-Salinas R, Medina-Carnicer R, Marín-Jiménez MJ. DeepArUco plus plus: Improved detection of square fiducial markers in challenging lighting conditions. IMAGE AND VISION COMPUTING. 2024. DOI: 10.1016/j.imavis.2024.105313.
IF: 4,2 Q1 D2

2. Romero-Ramirez FJ, Muñoz-Salinas R, Marín-Jiménez MJ, Carmona-Poyato A, Medina-Carnicer R. ReSLAM: Reusable SLAM with heterogeneous cameras. NEUROCOMPUTING. 2024. DOI: 10.1016/j.neucom.2023.126940.
IF: 5,5 Q1 D3

3. Morciano G., Alcalde Llergo J.M., Zingoni A., Yeguas Bolívar E., Taborri J., Calabrò G.; Use of recommendation models to provide support to dyslexic students; EXPERT SYSTEMS WITH APPLICATIONS; 2024; DOI: 10.1016/j.eswa.2024.123738
IF: 7,5 Q1 D1

4. García-Ruiz P, Romero-Ramirez FJ, Munoz-Salinas R, Marín-Jiménez MJ, Medina-Carnicer R. Large-Scale Indoor Camera Positioning Using Fiducial Markers. SENSORS. 2024. DOI: 10.3390/s24134303.
IF: 3,4 Q2

5. Jiménez-Velasco I, Zafra-Palma J, Muñoz-Salinas R, Marin-Jiménez MJ. Proxemics-net plus plus: classification of human interactions in still images. PATTERN ANALYSIS AND APPLICATIONS. 2024. DOI: 10.1007/s10044-024-01270-3.
IF: 3,7 Q2

» ACTIVITY:

- Nº ONGOING PROJECTS: 2

» ADDITIONAL INFORMATION:

- NETWORKS: 1
 - PAIDI TIC-161
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 4
 - FPU (Ministerio de Ciencia, Innovación y Universidades) – María Isabel Jiménez Velasco
 - FPU (Ministerio de Ciencia, Innovación y Universidades) – Rafael Berral Soler
 - FPU (Ministerio de Ciencia, Innovación y Universidades) -- Jorge Zafra Palma
 - PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. RAFAEL MEDINA CARNICER.

GC20:
GENETICS AND BEHAVIOURAL DISEASES

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

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

» 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. Roldán, L., Sánchez-Gutiérrez, T., Fernández-Arias, I., Rodríguez-Toscano, E., Gonzalo López (...) & Díaz-Caneja, C. (2024) Cannabis use and cognitive biases in people with first-episode psychosis and their siblings. Psychological Medicine, 4095-4105. DOI: 10.1017/S0033291724001715
IF: 5,9 Q1 D1

2. Sanmartín, F. J., Velasco, J., Cuadrado, F., & Moriana, J. A. (2024). The thrill of chance: Psychophysiological responses in loot boxes and simulated slot machines. Computers in Human Behavior Reports, 16, Article 100545. DOI: 10.1016/j.chbr.2024.100545
IF: 4,9 Q1 D1

3. Prieto-Vila M., González, C., Saunders, R., Buckman, J., Muñoz, R., Esteller, G., Barrio, S., Moriana, J.A., Ruiz, P., Carpallo, M. & Cano-Vindel, A. (2024). Long-term depressive symptoms trajectories following CBT delivered in primary care compared to usual treatment. Psychological Medicine, 54, 4918–4927. DOI: 10.1017/S0033291724002976
IF: 5,9 Q1 D1

4. Muñoz-Navarro, R., Saunders, R., Buckman, J.E.J., Ruiz-Rodríguez, P., González-Blanch, C., Medrano, L., Moriana, J.A. and Cano-Vindel, A. (2024). Investing in mental health: a path to economic growth through psychological therapies. British Journal of Psychiatry, 225, 460–461. DOI: 10.1192/bjp.2024.70
IF: 8,8 Q1 D1

5. Prieto-Vila M, González-Blanch C, Estupiñá Puig FJ, Buckman JEJ, Saunders R, Muñoz-Navarro R, Moriana JA, Rodríguez-Ruiz P, Barrio-Martínez S, Carpallo-González M, Cano-Vindel A (2024). Long-term depressive symptom trajectories and related baseline characteristics in primary care patients: Analysis of the PsicAP clinical trial. European Psychiatry, 67(1), e32, 1–10. DOI: 10.1192/j.eurpsy.2024.27.
IF: 7,2 Q1 D1

» ACTIVITY:

- Nº ONGOING PROJECTS: 3
- Nº GRANTED PROJECTS IN 2024: 1
- Nº PHD THESES: 3
- Nº PATENTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 5
1. Lucia Lackova (Universidad de Ostrava, República Checa)
2. McMillan (Universidad de York, Reino Unido)
3. Heather Wardle (Universidad de Glasgow, Glasgow)
4. Blair Biggar (Universidad de Glasgow, Glasgow)
5. Daria Ukhova (Universidad de Glasgow, Glasgow)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 1
1. Contrato Predoctoral UCO 2021 del Plan Propio de Investigación 2021 (Universidad de Córdoba) – Francisco Javier Sanmartín Litrán.
- 1 AGREEMENT WITH COMPANIES
- AWARDS: 1
1. Velasco, J., Sanmartín, F. J., Cuadrado, F., & Moriana, J. A.; Premio al Mejor Póster titulado “Creación y Validación de la Escala de Trauma Vicario para Profesionales”; Sociedad Española para el Avance de la Evaluación Psicológica

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Priego	Capote	Feliciano	R4
Calderón	Santiago	Mónica	R3
Ledesma	Escobar	Carlos Augusto	R3
Gouveia	Marx	Ítala María	R2
Castillo	Luna	Ana	R1
Cabanas	Garrido	Enrique C.	R1

» SCIENTIFIC PRODUCTION



» KEYWORDS:

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

» HIGHLIGHTED PUBLICATIONS:

1. Luque-Cordoba D, Calderon-Santiago M, Rangel-Zuniga OA, Camargo A, Lopez-Miranda J, Priego-Capote F. Comprehensive profiling of ceramides in human serum by liquid chromatography coupled to tandem mass spectrometry combining data independent/dependent acquisition modes. ANALYTICA CHIMICA ACTA. 2024. DOI: 10.1016/j.aca.2023.342115.
IF: 5,7 Q1 D2

2. Garrido PF, Castillo-Peinado LS, Priego-Capote F, Barrio I, Piñeiro A, Domínguez-Santalla MJ, Rodríguez-Ruiz E, Garcia-Fandino R. Lipidomics signature in post-COVID patient sera and its influence on the prolonged inflammatory response. JOURNAL OF INFECTION AND PUBLIC HEALTH. 2024. 588-600. DOI: 10.1016/j.jiph.2024.01.017.
IF: 4,7 Q1 D1

3. Luque-Córdoba D, Ledesma-Escobar CA, Priego-Capote F. Qualitative and quantitative determination of phenols and their metabolites in urine by in-syringe solid-phase extraction and LC-MS/MS analysis for evaluation of virgin olive oil metabolism. TALANTA. 2024. DOI: 10.1016/j.talanta.2023.125029.
IF: 5,6 Q1 D2

4. Criado-Navarro I, Barba-Palomeque F, Pérez-Juan P, Ledesma-Escobar CA, Priego-Capote F. Drying of Saffron Petals as a Critical Step for the Stabilization of This Floral Residue Prior to Extraction of Bioactive Compounds. FOODS. 2024. DOI: 10.3390/foods13233724.
IF: 4,7 Q1 D3

5. Castillo-Peinado LS, Calderón-Santiago M, Jurado-Gámez B, Priego-Capote F. Changes in human sweat metabolome conditioned by severity of obstructive sleep apnea and intermittent hypoxemia. JOURNAL OF SLEEP RESEARCH. 2024. DOI: 10.1111/jsr.14075.
IF: 3,4 Q2 D3

» ACTIVITY:

- Nº ONGOING PROJECTS: 2
- Nº GRANTED PROJECTS IN 2024: 1
- Nº PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 3
 - CIBERFES - Cooperative Research Thematic Network on Aging and Frailty [link: <http://www.ciberfes.es/en>] (Collaborator)
 - Dr Priego Capote is the coordinator of the FQM-227 - Analytical Chemistry Research Group, of the Andalusian Plan for Research, Development and Innovation (PAIDI).
 - Metabored – Red Española de Metabolómica (Collaborator)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 1
 - MSCA-PF ACTIONS (Unión Europea) – ÍTALA M. GOUVEIA MARX.
- 5 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS: 1
 - ÍTALA M. GOUVEIA MARX; The influence of extra virgin olive oil phenolic compounds on the inhibition of advanced glycation end-product formation (PHENOLS4HEALTH); Funding Agency: MSCA-PF ACTIONS; Reference: HE-MSCA-2023-PF-EF-101149946

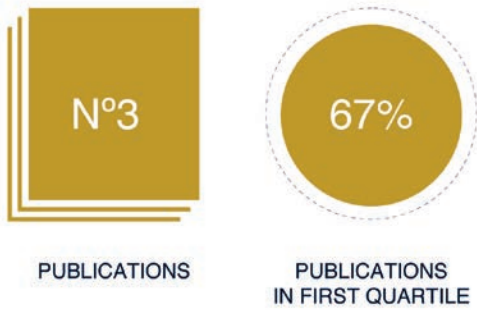
GC22:
EPIGENETICS

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Roldán	Arjona	Mª Teresa	R4	0000-0003-2842-3956
Rodríguez	Ariza	Rafael	R3	
Rojas	Moreno	Adriana Patricia	R3	
Córdoba	Cañero	Dolores	R2	
Martínez	Macías	Mª Isabel	R2	
Morales	Ruiz	Teresa	R2	
Sánchez	León	Susana	R2	
Ayala	Roldán	Carmen Mª	R1	
Grávalos	Cano	Inés	R1	
Jordano	Raya	Marina	R1	
Muñoz	Fernández	Ariadna	R1	
Rojas	Vega	Francisco	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

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

» HIGHLIGHTED PUBLICATIONS:

- Morales-Ruiz T, Beltran-Melero C, Ortega-Paredes D, Luna-Morillo JA, Martínez-Macías MI, Roldán-Arjona T, Ariza RR, Córdoba-Cañero D. The enzymatic properties of Arabidopsis thaliana DNA polymerase λ suggest a role in base excision repair. PLANT MOLECULAR BIOLOGY. 2024. DOI: 10.1007/s11103-023-01407-8.
IF: 3,9 Q1 D2
- González D, Peña MJ, Bernal C, García-Acero M, Manotas MC, Suarez-Obando F, Rojas A. Epigenetic control of S OX9 gene by the histone acetyltransferase P300 in human Sertoli cells. HELIYON. 2024. DOI: 10.1016/j.heliyon.2024.e33173.
IF: 3,4 Q1 D3
- Barrera-Heredia AD, Zafra-Mejía CA, Arboleda AC, Sánchez MJF, López-Kleine L, Moreno AR. Trends in the Use of Air Quality Indexes in Asthma Studies. ATMOSPHERE. 2024. DOI: 10.3390/atmos15070847.
IF: 2,5 Q3

» ACTIVITY:

- Nº ONGOING PROJECTS: 1

» ADDITIONAL INFORMATION:

- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 6
- 1. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO- FRANCISCO ROJAS VEGA
- 2. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- ARIADNA MUÑOZ FERNANDEZ
- 3. PROGRAMA JUAN DE LA CIERVA – SUSANA SÁNCHEZ LEÓN
- 4. AYUDA DEL PROGRAMA DE FORMACIÓN DE PROFESORADO UNIVERSITARIO DEL MINISTERIO DE UNIVERSIDADES. Referencia: FPU20/01146 – MARINA JORDANO RAYA.
- 5. AYUDA DEL PROGRAMA DE PERSONAL INVESTIGADOR EN FORMACIÓN DE LA JUNTA DE ANDALUCÍA. Referencia: PREDOC_00426 - INÉS GRÁVALOS CANO.
- 6. PROGRAMA BEATRIZ GALINDO para la atracción de talento investigador– ADRIANA PATRICIA ROJAS MORENO – Funding Agency: MINISTERIO DE UNIVERSIDADES.

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	
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	
Castro	Collado	Cristina	R1	
Comino	Monroy	Mª José	R1	
Palomino	Fernández	Laura	R1	

» SCIENTIFIC PRODUCTION



PUBLICATIONS



PUBLICATIONS
IN FIRST DECILE



PUBLICATIONS
IN FIRST QUARTILE

» KEYWORDS:

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

» HIGHLIGHTED PUBLICATIONS:

1. Khoury N, Martínez MA, Garcidueñas-Fimbres TE, Pastor-Villaescusa B, Leis R, de las Heras-delgado S, Miguel-Berges ML, Navas-Carretero S, Portoles O, Pérez-Vega KA, Jurado-Castro JM, Vázquez-Cobela R, Mimbrero G, Horno RA, Martínez JA, Flores-Rojas K, Picáns-Leis R, Luque V, Moreno LA, Castro-Collado C, Gil-Campos M, Salas-Salvadó J, Babio N. Ultraprocessed Food Consumption and Cardiometabolic Risk Factors in Children. JAMA NETWORK OPEN. 2024. DOI: 10.1001/jamanetworkopen.2024.11852.
IF: 10,5 Q1 D1

2. Flores-Rojas K, Gil-Campos M, Lacort-Peralta I, Párraga-Quiles MJ, Pastor-Villaescusa B. Donor and newborn profiles and their influence on donation volume and duration: a cross-sectional study in a Spanish human milk bank. INTERNATIONAL BREASTFEEDING JOURNAL. 2024. DOI: 10.1186/s13006-024-00661-w.
IF: 2,9 Q1 D2

3. Palomino-Fernández L, Pastor-Villaescusa B, Velasco I, Rico MD, Roa J, Gil A, Gil-Campos M. Metabolic and Low-Grade Inflammation Risk in Young Adults with a History of Extrauterine Growth Restriction. NUTRIENTS. 2024. DOI: 10.3390/nu16111608.
IF: 4,8 Q1 D2

4. Guffon N, Burton BK, Ficicioglu C, Magner M, Gil-Campos M, Lopez-Rodriguez MA, Jayakar P, Lund AM, Tal G, Garcia-Ortiz JE, Stepien KM, Ellaway C, Al-Hertani W, Giugliani R, Cathey SS, Hennermann JB, Lampe C, McNutt M, Lagler FB, Scarpa M, Sutton VR, Muschol N. Monitoring and integrated care coordination of patients with alpha-mannosidosis: A global Delphi consensus study. MOLECULAR GENETICS AND METABOLISM. 2024. DOI: 10.1016/j.ymgme.2024.108519.
IF: 3,7 Q2

5. Marmol-Perez A, Gil-Cosano JJ, Ubago-Guisado E, Llorente-Cantarero FJ, Pascual-Gázquez JF, Ness KK, Martinez-Vizcaino V, Ruiz JR, Gracia-Marco L. Muscle strength deficits are associated with low bone mineral density in young pediatric cancer survivors: The iBoneFIT project. JOURNAL OF SPORT AND HEALTH SCIENCE. 2024. 419-427. DOI: 10.1016/j.jshs.2024.01.003.
IF: 9,7 Q1 D1

» ACTIVITY:

- N° ONGOING PROJECTS: 12
- N° GRANTED PROJECTS IN 2024: 3
- N° CLINICAL TRIALS: 6
- N° PATENTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 5
 1. CIBER on Obesity and Nutrition (CIBEROBN)
 2. CIBER on Rare Diseases (CIBERER)
 3. PAIDI CTS-639
 4. Spanish Pediatric Clinical Trials Network RECLIP
 5. Primary Care Interventions to Prevent Maternal and Child Chronic Diseases of Perinatal and Developmental Origin (RICORS), RD21/0012/0008, Instituto de Salud Carlos III, Madrid, Spain.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 5
 1. CONTRATO ISCIII-CIBEROBN (MINISTERIO DE EDUCACIÓN Y CIENCIA). – INVESTIGADORA CONTRATADA POSTDOCTORAL: ROCÍO VÁZQUEZ COBELA
 2. ACCIONES PARA EL REFUERZO CON RECURSOS HUMANOS DE LA ACTIVIDAD INVESTIGADORA EN LAS UNIDADES CLÍNICAS DEL SERVICIO ANDALUZ DE SALUD 2023. – MERCEDES GIL CAMPOS
 3. PROGRAMA INVESTIGO 2022-1 (MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL)- CRISTINA CASTRO COLLADO
 4. 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
 5. CONTRATOS MIGUEL SERVET Y AYUDAS ADICIONALES PARA LA EJECUCIÓN DE SUS ACTIVIDADES DE INVESTIGACIÓN (CONVOCATORIA 2024 DE LA ACCIÓN ESTRATÉGICA EN SALUD 2021 – 2023). CENTRO DE REALIZACIÓN: FUNDACION INVESTIGACION BIOMEDICA DE CORDOBA (FIBICO) / (IMIBIC). ENTIDAD FINANCIADORA / CONVOCATORIA: INSTITUTO DE SALUD CARLOS III - MARÍA BELÉN PASTOR VILLAESCUSA
- 2 AGREEMENTS WITH COMPANIES

- INTERNATIONAL PROJECTS: 2
 - MARIA MERCEDES GIL CAMPOS. eprObes - Preventing lifetime obesity by early risk-factor identification, prognosis and intervention. Funding Agency: COMISIÓN EUROPEA. Reference: STAYHLTH-01-05_02
 - MERCEDES GIL CAMPOS; TACKLING MICRONUTRIENT MALNUTRITION AND HIDDEN HUNGER TO IMPROVE HEALTH IN THE EU” (Zero_HiddenHunger_EU); Funding Agency: CIBEROBN y HORIZON (Convocatoria: Call HORIZON-CL6-2023-FARM2FORK-01); Ref: 101124527
- AWARDS: 5
 - Alicia Larruy-García, Pilar De Miguel-Etayo, Mercedes Gil-Campos, Rosaura Leis, Santiago Navas-Carretero, Jordi Salas-Salvadó, Pilar Codoñer-Franch, Montse Fitó, Nancy Babio, Luis A. Moreno; PREMIO A LA MEJOR COMUNICACIÓN ORAL EN EL XXXIII; CONGRESO DE LA SOCIEDAD ESPAÑOLA DE NUTRICIÓN.
 - Laura Palomino Fernandez, Belén Pastor Villaescusa, Inmaculada Velasco, Katherine Flores Rojas, María de la Cruz Rico, Juan Roa, Ángel Gil Hernandez, Mercedes Gil Campos; MEDICAL COLLEGE IMIBIC AWARD FOR THE BEST COMMUNICATION PRESENTED BY A RESIDENT DOCTOR (XV Young Investigators meeting of IMIBIC); Instituto Maimónides de Investigación Biomédica de Córdoba (IMIBIC).
 - Joaquín Escribano Subías, Irina Gheorghita, Mariona Gispert-Llauradó, Jose Manuel Jurado Castro, Nancy Babio, Rosaura Leis, Luis A. Moreno, Santiago Navas-Carretero, Vanessa Martín-Carbonell, Anna Moreira, Cristina Castro-Collado, Rocío Vázquez-Cobela, Mireia Alcázar, María L Miguel-Berges, Begoña De Cuevillas, Belén Pastor-Villaescusa, Rosaura Picans-Leis, Gisela Mimbreros, Pilar De Miguel-Etayo, Katherine Flores-Rojas, Mercedes Gil-Campos, Jordi Salas-Salvadó, Verónica Luque. PREMIO TERCERA MEJOR COMUNICACIÓN ORAL (70 CONGRESO AEP); Asociación Española de Pediatría (AEP).
 - María José Comino Monroy y grupo PinPo. PREMIO BECA BALLABRIGA (XXIII CONGRESO SEINAP); Sociedad Española de Investigación en Nutrición y Alimentación en Pediatría (SEINAP).
 - Mercedes Gil Campos PREMIO BECA BALLABRIGA (XXIII CONGRESO SEINAP); Sociedad Española de Investigación en Nutrición y Alimentación en Pediatría (SEINAP).

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	Mari Ángeles	R2	
Vaquero	Álvarez	Esther	R2	
Aranaga	Arias	Carlos Andrés	R1	
Ayala	Morillo	Luis	R1	
Elías	López	Cristina	R1	
Ferrez	López	Jesús	R1	
Gámez	Beltrán	Pedro	R1	
Marfil	Pérez	Eduardo	R1	
Morales	Domínguez	Clara de Asís	R1	
Muñoz	de la Rosa	Montserrat	R1	
Pedraza	Merino	Rosa	R1	
Pomares	de la Peña	Alberto	R1	
Riazzo	Damas	Cristina	R1	
Rivera	Sánchez	Sandra Patricia	R1	
Sánchez	León	Irene	R1	
Arjona	Torres	Cristina	T	
Freytas	Palomo	Carlos Aaron	T	

» 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.

Elías-López C, Muñoz-Rosa M, Guzmán-Puche J, Pérez-Nadales E, Chicano-Galvez E, Martínez-Martínez L. Porin expression in clinical isolates of Klebsiella pneumoniae: a comparison of SDS-PAGE and MALDI-TOF/MS and limitations of whole genome sequencing analysis. ANNALS OF CLINICAL MICROBIOLOGY AND ANTIMICROBIALS. 2024. DOI: 10.1186/s12941-024-00761-9.
IF: 4,6 Q1 D3

2.

López-Viñau T, Muñoz-Rosa M, Ruiz-Lara LM, García-Martínez L, Machuca I, Gracia-Ahufinger I, Montero RR, Castón JJ, Cano A, Ruiz-Arabi E, del Prado JR, Salcedo I, Martínez-Martínez L, Torre-Cisneros J. Long-Term Clinical and Ecological Impact of an Antimicrobial Stewardship Program on the Incidence of Carbapenem-Resistant Klebsiella pneumoniae Infections in a High-Endemic Hospital. ANTIBIOTICS-BASEL. 2024. DOI: 10.3390/antibiotics13090792.
IF: 4,3 Q1 D2

3.

Hidalgo-Tenorio C, Bou G, Oliver A, Rodríguez-Aguirregabiria M, Salavert M, Martínez-Martínez L. The Challenge of Treating Infections Caused by Metallo-β-Lactamase-Producing Gram-Negative Bacteria: A Narrative Review. DRUGS. 2024. 1519-1539. DOI: 10.1007/s40265-024-02102-8.
IF: 13 Q1 D1

4.

Casares-Jimenez M, Corona-Mata D, Garcia-Garcia T, Manchado-Lopez L, Rios-Muñoz L, de Guia-Castro M, Lopez-Lopez P, Caceres-Anillo D, Camacho A, Caballero-Gomez J, Perez-Valero I, Gallo-Marin M, Perez AB, Ulrich RG, Rivero-Juarez A, Rivero A. Serological and molecular survey of rat hepatitis E virus (Rocahepevirus rattii) in drug users. EMERGING MICROBES & INFECTIONS. 2024. DOI: 10.1080/22221751.2024.2396865.
IF: 8,4 Q1 D1

5.

Casares-Jimenez M, Garcia-Garcia T, Suárez-Cárdenas JM, Perez-Jimenez AB, Martín MA, Caballero-Gómez J, Michán C, Corona-Mata D, Riscalde MA, Perez-Valero I, Guerra R, Garcia-Bocanegra I, Rivero A, Rivero-Juarez A, Garrido JJ. Correlation of hepatitis E and rat hepatitis E viruses urban wastewater monitoring and clinical cases. SCIENCE OF THE TOTAL ENVIRONMENT. 2024. DOI: 10.1016/j.scitotenv.2023.168203.
IF: 8,2 Q1 D1

» **ACTIVITY:**

- N° ONGOING PROJECTS: 3
- N° GRANTED PROJECTS IN 2024: 3
- N° PHD THESES: 1

» **ADDITIONAL INFORMATION:**

- NETWORKS: 4
 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: 3
 1. ACCIÓN A. REFUERZO ANUAL DE LA ACTIVIDAD INVESTIGADORA EN LAS UNIDADES CLÍNICAS DEL SAS 2023. Funding Agency: SERVICIO ANDALUZ DE SALUD. LUIS MARTÍNEZ MARTÍNEZ
 2. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. CARLOS AARON FREYTAS PALOMO
 3. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. CRISTINA ARJONA TORRES
- 2 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS:
 1. LUIS MARTÍNEZ MARTÍNEZ. Alliance for the Exploration of Pipelines for Inhibitors of Carbapenemases. Funding Agency: JPIAMR Network Plus 2020. Instituto de Salud Carlos III. Reference: JPIAMR_NP_2020-011.
 2. LUIS MARTÍNEZ MARTÍNEZ. Improving surveillance of antibiotic-resistant Pseudomonas aeruginosa in Europe (ISARPAE). Funding Agency: European Joint Action on Antimicrobial Resistance and Associated Infections-JPIAMR Network Plus. Reference: JPIAMR_NC_2022-021.

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	Sebastian	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	
Barbudo	Lunar	Rafael	R2	
Delgado	Osuna	José Antonio	R2	
Moyano	Murillo	José María	R2	
Ramírez	Quesada	Aurora	R2	
Trasierras	Fresco	Antonio Manuel	R2	
Almeda	Luna	Eduardo	R1	
Esteban	Toscano	Aurora	R1	
Luque	Guzmán	Mª Carmen	R1	
Moya	Martín-Castaño	Antonio Rafael	R1	
Pérez	Perdomo	Eduardo	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.

Avila-Jiménez JL, Cantón-Habas V, Carrera-González MD, Rich-Ruiz M, Ventura S. A deep learning model for Alzheimer’s disease diagnosis based on patient clinical records. COMPUTERS IN BIOLOGY AND MEDICINE. 2024. DOI: 10.1016/j.combiomed.2023.107814.
IF: 7 Q1 D1

2.

Zmezm H, Luna JM, Almeda E, Ventura S. Efficient Frequent Chronicle Mining Algorithms: Application to Sleep Disorder. IEEE ACCESS. 2024. 14580-14595. DOI: 10.1109/ACCESS.2024.3357139.
IF: 3,4 Q2

3.

Salmi M, Atif D, Oliva D, Abraham A, Ventura S. Handling imbalanced medical datasets: review of a decade of research. ARTIFICIAL INTELLIGENCE REVIEW. 2024. DOI: 10.1007/s10462-024-10884-2.
IF: 10,7 Q1 D1

4.

M. Saqib Nawaz, M. Zohaib Nawaz, Philippe Fournier-Viger, Jose Maria Luna. Analysis and classification of employee attrition and absenteeism in industry: A sequential pattern mining-based methodology. COMPUTERS IN INDUSTRY. 159, 104106 (2024). DOI: 10.1016/j.compind.2024.104106
IF: 8,2 Q1 D1

5.

Robles-Berumen H, Zafra A, Ventura S. A survey of genetic algorithms for clustering: Taxonomy and empirical analysis. SWARM AND EVOLUTIONARY COMPUTATION. 2024. DOI: 10.1016/j.swevo.2024.101720.
IF: 8,2 Q1 D1

» **ACTIVITY:**

- N° ONGOING PROJECTS: 4
- N° PHD THESES: 4

» **ADDITIONAL INFORMATION:**

- NETWORKS: 4
 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
 1. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. ALBERTO VELA CASTRO
- 3 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS: 1
 1. SEBASTIÁN VENTURA SOTO, JOSE MARÍA LUNA ARIZA; DIGIPATCH, Moving from networked to patchworked society; Funding Agency: European Union’s Horizon 2020 research and innovation programme under grant agreement No 101004509, National Science Centre.

GC26:

CLINICAL VIROLOGY AND ZOONOSIS

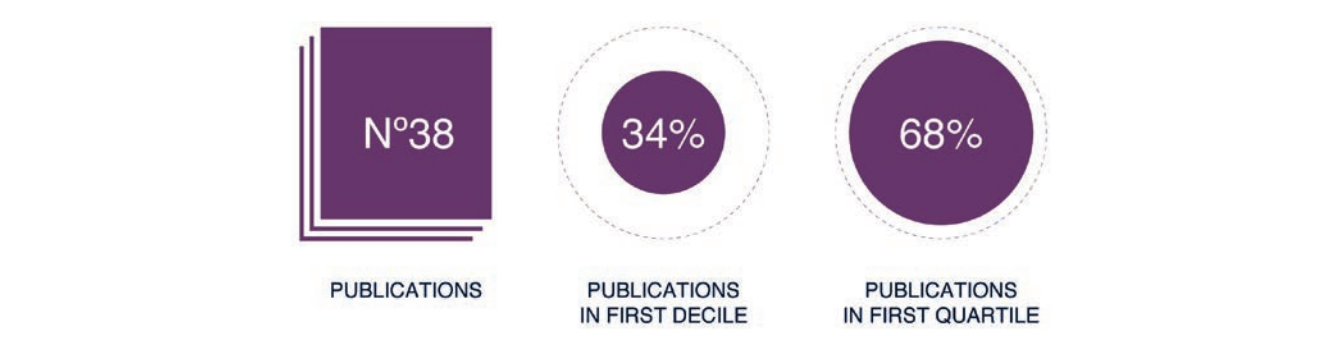
SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» **TEAM**

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

* Till April 2024

» **SCIENTIFIC PRODUCTION**



» **KEYWORDS:**

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

» **HIGHLIGHTED PUBLICATIONS:**

1. Casares-Jimenez M, Corona-Mata D, Garcia-Garcia T, Manchado-Lopez L, Rios-Muñoz L, de Guia-Castro M, Lopez-Lopez P, Caceres-Anillo D, Camacho A, Caballero-Gomez J, Perez-Valero I, Gallo-Marin M, Perez AB, Ulrich RG, Rivero-Juarez A, Rivero A. Serological and molecular survey of rat hepatitis E virus (Rocahepevirus rattii) in drug users. EMERGING MICROBES & INFECTIONS. 2024. DOI: 10.1080/22221751.2024.2396865.
IF: 8,4 Q1 D1

2. Casares-Jimenez M, Rivero-Juarez A, Lopez-Lopez P, Montes ML, Navarro-Soler R, Peraire J, Espinosa N, Alemán-Valls MR, Garcia-Garcia T, Caballero-Gomez J, Corona-Mata D, Perez-Valero I, Ulrich RG, Rivero A. Rat hepatitis E virus (Rocahepevirus rattii) in people living with HIV. EMERGING MICROBES & INFECTIONS. 2024. DOI: 10.1080/22221751.2023.2295389.
IF: 8,4 Q1 D1

3. Casares-Jimenez M, Garcia-Garcia T, Suárez-Cárdenas JM, Perez-Jimenez AB, Martín MA, Caballero-Gómez J, Michán C, Corona-Mata D, Riscalde MA, Perez-Valero I, Guerra R, Garcia-Bocanegra I, Rivero A, Rivero-Juarez A, Garrido JJ. Correlation of hepatitis E and rat hepatitis E viruses urban wastewater monitoring and clinical cases. SCIENCE OF THE TOTAL ENVIRONMENT. 2024. DOI: 10.1016/j.scitotenv.2023.168203.
IF: 8,2 Q1 D1

4. Frías M, Caballero-Gómez J, Vázquez A, Madrigal E, Ruiz-Fons F, Gallo M, Herrero L, Jarilla M, Garcia-Bocanegra I, Rivero-Juárez A, Rivero A. Serosurvey of Blood Donors to Assess West Nile Virus Exposure, South-Central Spain. EMERGING INFECTIOUS DISEASES. 2024. 1496-1498. DOI: 10.3201/eid3007.240450.
IF: 7,2 Q1 D1

5. Rios-Muñoz, L; Gonzálvez, M; Caballero-Gomez, J; Castro-Scholten, S; Casares-Jimenez, M; Agulló-Ros, I; Corona-Mata, D; García-Bocanegra, I; Lopez-Lopez, P; Fajardo, T; Mesquita, JR; Riscalde, MA; Rivero-Juarez, A; Rivero, A. Detection of Rat Hepatitis E Virus in Pigs, Spain, 2023. EMERGING INFECTIOUS DISEASES. 2024. 823-826. DOI: 10.3201/eid3004.231629.
IF: 7,2 Q1 D1

» **CLINICAL GUIDES:**

1. Dudman S, Zerja A, Hasanoğlu İ, Ruta S, van Welzen B, Nicolini LA, Yonga P, Øverbø 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. Clin Microbiol Infect. 2025 Feb;31(2):201-210. doi: 10.1016/j.cmi.2024.11.016. Epub 2024 Nov 15. PMID: 39550032

2. Antonio Rivero Juárez (Coordinador grupo Hepatitis E). Plan Estratégico Andaluz para el abordaje de las Hepatitis Víricas. <https://www.juntadeandalucia.es/organismos/saludyconsumo/areas/planificacion/planes-integrales.html>.

» **ACTIVITY:**

- N° ONGOING PROJECTS: 3
- N° GRANTED PROJECTS IN 2024: 3
- N° CLINICAL TRIALS: 11
- N° PHD THESES: 2

» **ADDITIONAL INFORMATION:**

• NETWORKS: 3

1. CIBER - Enfermedades Infecciosas (CB21/13/00083)
2. AIDS Research Network (RIS. RD16/0025/0034)
3. HEVnet (ECDC: NP/2016/OCS/7892/01)

• COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 12

1. ACCIÓN A. REFUERZO ANUAL DE LA ACTIVIDAD INVESTIGADORA EN LAS UNIDADES CLÍNICAS DEL SAS 2023. Funding Agency: SERVICIO ANDALUZ DE SALUD. ANTONIO RIVERO ROMAN
2. ACCIÓN C. IMPULSO DE LA INVESTIGACIÓN TRASLACIONAL DE LAS UC (PROGRAMA NICOLÁS MONARDES) 2023. Funding Agency: SERVICIO ANDALUZ DE SALUD. ANTONIO RIVERO JUAREZ
3. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS RÍO HORTEGA 2022. Funding Agency: INSTITUTO DE SALUD CARLOS III. DIANA CORONA MATA
4. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS MIGUEL SERVET TIPO I 2018. Funding Agency: INSTITUTO DE SALUD CARLOS III. ANTONIO RIVERO JUAREZ
5. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2022. Funding Agency: INSTITUTO DE SALUD CARLOS III. MARIA CASARES JIMENEZ
6. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2023 (CON SS). Funding Agency: INSTITUTO DE SALUD CARLOS III. INMACULADA RUIZ CACERES

7. ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS 2023. Funding Agency: INSTITUTO DE SALUD CARLOS III. ANTONIO RIVERO ROMAN
8. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ANGELA CARRASCO DORADO
9. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. LUCIA RIOS MUÑOZ
10. CONVOCATORIA PLAN PROPIO DEL IMIBIC 2022. Funding Agency: FIBICO. FUNDACION PARA LA INVESTIGACIÓN BIOMÉDICA DE CÓRDOBA. ANTONIO RIVERO JUAREZ
11. Contrato Investigador@ postdoctoral grupo CIBER CB21/13/00083. Funding Agency: Instituto de Salud Carlos III - JAVIER CABALLERO GÓMEZ.
12. Ayudas “Margarita Salas” 2022. Convocatoria complementaria de ayudas para la recualificacion del Sistema Universitario Espanol 2021-2023. Universidad de Córdoba. Plan de Recuperacion, Transformacion y Resiliencia – Funding Agency: Union Europea – NextGeneration EU. PEDRO LOPEZ LOPEZ.

• 8 AGREEMENTS WITH COMPANIES

• INTERNATIONAL PROJECTS: 3

1. 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
2. ANTONIO RIVERO JUÁREZ. 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 (ESCMID). Reference: ESGHV-RHEV Study
3. IGNACIO PÉREZ VALERO. Ensayo clínico fase IV, aleatorizado, multicéntrico y doble ciego diseñado para evaluar la seguridad y la conveniencia del cambio de DTG/3TC por BIC/FTC/TAF en personas con VIH, buen control virológico y vulnerabilidades neuropsiquiátricas: Estudio MIND. Funding Agency: Gilead Medical Affairs BFTAF RFP Program. Reference: GESIDA 11920

• AWARDS: 4

1. Antonio Rivero Juárez; Premio de la Real Academia de Medicina de Sevilla a Publicaciones Científicas: “Infección por Orthohepevirus C como causa emergente de hepatitis aguda en España: Primer informe en Europa”: Real Academia de Medicina de Sevilla; Fecha de concesión: 19/12/2024
2. Javier Caballero Gómez; Premio a la mejor comunicación: “Infección por el virus de la hepatitis E de rata en cerdos en España, ¿una amenaza para la Salud Pública?”; IX Congreso Nacional de GEHEP; Grupo de Estudio de las Hepatitis Víricas (GEHEP) de la SEIMC; Fecha de concesión: 28/09/2024
3. Javier Caballero Gómez; Premio a la mejor comunicación: “Estudio epidemiológico del virus de la fiebre hemorrágica de Crimea-Congo en suidos domésticos y silvestres en España”; V Congreso Andaluz de Salud Pública Veterinaria; Consejo Andaluz de Colegios Oficiales de Veterinarios; Fecha de concesión: 26/04/2024
4. Javier Caballero Gómez; Premio a la mejor comunicación: “Escape room: a teaching tool to enhance learning of Infectious Diseases in the Degree in Veterinary Medicine”; VII Congreso español y I hispano-portugués de docencia Veterinaria; Asociación Española de Veterinarios Docentes (VetDoc); Fecha de concesión: 07/06/2024

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Luque	Huertas	Raúl Miguel	R4	0000-0002-7585-1913
Martínez	Fuentes	Antonio Jesús	R3	
Solivera	Vela	Juan	R3	
Flores	Martínez	Álvaro	R2	
Fuentes	Fayos	Antonio Carlos	R2	
García	Martínez	Araceli	R2	
González	Serrano	Mª Teresa	R2	
Jiménez	Vacas	Juan Manuel	R2	
León	González	Antonio José	R2	
Morais Sarmiento	Borges Cabral	André	R2	
Moreno	Rodríguez	Mª del Mar	R2	
Cuenca	Bellido	Alejandro	R1	
de la Rosa	Herencia	Ana de la Salud	R1	
Di-Caro	Di Caro	Isidoro	R1	
Galán	Cañete	Manuel	R1	
García	García	Miguel Eduardo	R1	
Gil	Duque	Ignacio	R1	
Libero		María	R1	
López	López	Fernando	R1	
Martínez	Vara	Andrea	R1	
Mata	Ordoñez	Fernando	R1	
Montero	Hidalgo	Antonio Jesús	R1	
Núñez	Santos	Miguel Ángel	R1	
Ortega	Bellido	María	R1	
Pérez	Gómez	Jesús Miguel	R1	
Porcel	Pastrana	Francisco	R1	
Prats	Escribano	Antonio	R1	
Sáez	Martínez	Prudencio	R1	
Sánchez	Medianero	Mª Teresa	R1	
Sánchez	Sánchez	Rafael	R1	
Toledano	Delgado	Álvaro	R1	
Valverde	Moyano	Roberto	R1	
Vidal	Miñano	Juana María	R1	

» 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. Montero-Hidalgo AJ, Jiménez-Vacas JM, Gómez-Gómez E, Porcel-Pastrana F, Sáez-Martinez P, Pérez-Gómez JM, Fuentes-Fayos AC, Blázquez-Encinas R, Sánchez-Sánchez R, González-Serrano T, Castro E, López-Soto PJ, Carrasco-Valiente J, Sarmiento-Cabral A, Martínez-Fuentes AJ, Eyra E, Castaño JP, Sharp A, Olmos D, Gahete MD, Luque RM. SRSF6 modulates histone-chaperone HIRA splicing to orchestrate AR and E2F activity in prostate cancer. SCIENCE ADVANCES. 2024. DOI: 10.1126/sciadv.ad08231.
IF: 11,7 Q1 D1

2. Sáez-Martínez P, Porcel-Pastrana F, Montero-Hidalgo AJ, de la Haba SL, Sanchez-Sanchez R, González-Serrano T, Gómez-Gómez E, Martínez-Fuentes AJ, Jiménez-Vacas JM, Gahete MD, Luque RM. Dysregulation of RNA-Exosome machinery is directly linked to major cancer hallmarks in prostate cancer: Oncogenic role of PABPN1. CANCER LETTERS. 2024. DOI: 10.1016/j.canlet.2023.216604.
IF: 9,1 Q1 D2

3. Sampedro-Núñez M, Herrera-Martínez AD, Ibáñez-Costa A, Rivero-Cortés E, Venegas E, Robledo M, Martínez-Hernández R, García-Martínez A, Gil J, Jordà M, López-Fernández J, Gavilán I, Maraver S, Marqués-Pamies M, Cámara R, Fajardo-Montañana C, Valassi E, Dios E, Aulinas A, Biagetti B, Álvarez Escola C, Araujo-Castro M, Blanco C, Paz M, Villar-Taibo R, Álvarez CV, Gaztambide S, Webb SM, Castaño L, Bernabéu I, Picó A, Gálvez MÁ, Soto-Moreno A, Puig-Domingo M, Castaño JP, Marazuela M, Luque RM; REMAH investigators. Integrative clinical, hormonal, and molecular data associate with invasiveness in acromegaly: REMAH study. Eur J Endocrinol. 2024 Jun 5;190(6):421-433. DOI: 10.1093/ajendo/lvae045.
IF: 5,2 Q1 D2

4. Montero-Hidalgo AJ, Gómez-Gómez E, Galán-Cañete M, Porcel-Pastrana F, Pérez-Gómez JM, Ortega-Bellido M, Carrasco-Valiente J, Chamorro-Castillo L, Campos-Hernández JP, Rangel-Zuñiga OA, González-Serrano T, Sánchez-Sánchez R, Sarmiento-Cabral A, Gahete MD, Jiménez-Vacas JM, Luque RM. Clinical value of circulating splicing factors in prostate cancer: SRRM1 as a novel predictive biomarker and therapeutic target. MOLECULAR THERAPY ONCOLOGY. 2024. DOI: 10.1016/j.omton.2024.200910.
IF: 5,3 Q1 D2

5. Herrera-Martínez AD, Fuentes-Fayos AC, Sanchez-Sanchez R, Montero AJ, Sarmento-Cabral A, Gálvez-Moreno MA, Gahete MD, Luque RM. Does Telotristat Have a Role in Preventing Carcinoid Heart Disease?. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. DOI: 10.3390/ijms25042036.

IF: 4,9 Q1 D3

» CLINICAL GUIDES:

1. Giustina A, Biermasz N, Casanueva FF, Fleseriu M, Mortini P, Strasburger C, van der Lely AJ, Wass J, Melmed S; Acromegaly Consensus Group. Consensus on criteria for acromegaly diagnosis and remission. 2024. Pituitary. 27(1):7-22. doi: 10.1007/s11102-023-01360-1. Correction: [2024, Pituitary.27(1):88. doi: 10.1007/s11102-023-01373-w.].

» ACTIVITY:

- N° ONGOING PROJECTS: 11
- N° GRANTED PROJECTS IN 2024: 2
- N° CLINICAL TRIALS: 2
- N° PHD THESES: 2
- N° PATENTS: 3

» ADDITIONAL INFORMATION:

- NETWORKS: 18
 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).
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 15
 1. PAIDI 2020 – AYUDAS A LA CONTRATACIÓN DE PERSONAL INVESTIGADOR DOCTOR POR PARTE DE LAS UNIVERSIDADES Y ENTIDADES PÚBLICAS DE INVESTIGACIÓN 2019. Funding Agency: CONSEJERÍA DE UNIVERSIDAD, INVESTIGACIÓN E INNOVACIÓN- ARACELI GARCÍA MARTÍNEZ.
 2. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACIÓN Y TRABAJO AUTÓNOMO- ROCIO MUÑOZ RODRIGUEZ
 3. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACIÓN Y TRABAJO AUTÓNOMO- MANUEL GALAN CAÑETE
 4. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- ALEJANDRO CUENCA MARTAGON
 5. PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- MARIA SEDANO GAMIZ
 6. CONTRATOS SARA BORRELL 2024, SUBPROGRAMA ESTATAL DE FORMACIÓN DE LA ACCIÓN ESTRATÉGICA EN SALUD. Funding agency: INSTITUTO DE SALUD CARLOS III. ÁLVARO FLORES MARTÍNEZ.
 7. CONTRATO POSTDOCTORAL “MARIE SKŁODOWSKA-CURIE”. CO-FINANCIACIÓN PROYECTO P2Med-IMIBIC. FUNDING AGENCY: UNION EUROPEA y CONSEJERÍA DE SALUD Y CONSUMO - ANDRE MORAIS SARMENTO BORGES CABRALL
 8. CONTRATO DE TRABAJO PREDOCTORAL PARA LA REALIZACIÓN DE UN PROYECTO DE INVESTIGACIÓN (FPyS) 2021 – ISIDORO DI CARO.

9. FORMACIÓN PROFESORADO UNIVERSITARIO “FPU” 2017 (MIU) - PRUDENCIO SAEZ MARTÍNEZ.
10. FORMACIÓN PROFESORADO UNIVERSITARIO “FPU” 2018 (MIU) - ANTONIO JESÚS MONTERO HIDALGO.
11. FORMACIÓN PROFESORADO UNIVERSITARIO “FPU” 2018 (MIU) - JESÚS MIGUEL PÉREZ GÓMEZ.
12. FORMACIÓN PROFESORADO UNIVERSITARIO “FPU” 2020 (MIU) – MIGUEL EDUARDO GARCÍA GARCÍA.
13. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES “FPI” 2020 (MICIN) – FRANCISCO PORCEL PASTRANA.
14. FORMACIÓN PROFESORADO UNIVERSITARIO “FPU” 2021 (MIU) – ANA DE LA SALUD DE LA ROSA HERENCIA.
15. AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES “FPI” 2022 (MICIN) – ANTONIO PRATS ESCRIBANO.

• 6 AGREEMENTS WITH COMPANIES

• AWARDS: 6

1. RAÚL MIGUEL LUQUE HUERTAS. “Metformin and simvastatin exert additive antitumour effects in glioblastoma via senescence-state: clinical and translational evidence”. Premio “Enrique Aguilar Benítez de Lugo” en la XIV Lección Conmemorativa Maimónides del Instituto Maimónides de Investigación Biomédica de Córdoba (IMIBIC). Funding Agency: IMIBIC.
2. ANDREA MARTÍNEZ VARA. Premio al mejor Trabajo de Fin de Grado en Endocrinología y Nutrición. Funding Agency: Fundación de la Sociedad Española de la Endocrinología y Nutrición (FSEEN).
3. RAÚL MIGUEL LUQUE HUERTAS. Beca FSEEN en investigación en síndrome de Cushing o acromegalia. Funding Agency: Recordati Rare Disease.
4. IGNACIO GIL DUQUE. Premio Extraordinario de Fin de Máster. Universidad de Córdoba. Curso 2023-2024.
5. PRUDENCIO SÁEZ MARTÍNEZ. Premio Extraordinario de Doctorado en Biomedicina. Universidad de Córdoba. Curso 2023-2024.
6. IGNACIO GIL DUQUE. Premio a la mejor comunicación oral. IX Congreso de Investigadores Noveles de la Universidad de Córdoba

GC28:
NEUROPLASTICITY AND OXIDATIVE STRESS

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Agüera	Morales	Eduardo	R3
Túnez	Fiñana	Isaac	R4
Caballero	Villarraso	Javier	R3
Escribano	Durán	Begoña María	R3
Jimena	Medina	Ignacio	R3
Luque	Carabot	Evelio	R3
Peña	Amaro	Jose	R3
Cantarero	Carmona	Irene	R2
Conde	Gavilán	Cristina	R2
Feijóo	López	Montserrat	R2
Galvao	Carmona	Alejandro	R2
Gascón	Luna	Felix	R2
Gómez	Melero	Sara	R2
Muñoz	Jurado	Ana	R2
Peña	Toledo	Mª Ángeles	R2
Rodríguez	Cantalejo	Fernando	R2
Barbero	Fernández	Rosa María	R1
Delgado	Campos	Andrés	R1
Galvan	Jurado	Alberto	R1
Navarrete	Pérez	Ainoa	R1
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. Dekeyser C, Hautekeete M, Cambron M, Van Pesch V, Patti F, Kuhle J, Khoury S, Scott JL, Gerlach O, Lugaresi A, Maimone D, Surcinelli A, Grammond P, Kalincik T, Habek M, Willekens B, Macdonell R, Lalive P, Csepany T, Butzkueven H, Boz C, Tomassini V, Foschi M, Sánchez-Menoyo JL, Altintas A, Mrabet S, Iuliano G, Sa MJ, Alroughani R, Karabudak R, Aguera-Morales E, Gray O, de Gans K, van der Walt A, McCombe PA, Deri N, Garber J, Al-Asmi A, Skibina O, Duquette P, Cartechini E, Spitaleri D, Gouider R, Soysal A, Van Hijfte L, Slee M, Amato MP, Buzzard K, Laureys G. Routine CSF parameters as predictors of disease course in multiple sclerosis: an MSBase cohort study. JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY. 2024. 1021-1031. DOI: 10.1136/jnnp-2023-333307. IF: 8,7 Q1 D1

2. Pena-Garcia MV, Moyano-Gallego MJ, Gómez-Melero S, Molero-Payán R, Rodríguez-Cantalejo F, Caballero-Villarraso J. One-Year Impact of Occupational Exposure to Polycyclic Aromatic Hydrocarbons on Sperm Quality. ANTIOXIDANTS. 2024. DOI: 10.3390/antiox13101181. IF: 6 Q1 D2

3. Muñoz-Jurado A, Escribano BM, Galván A, Valdelvira ME, Caballero-Villarraso J, Giraldo AI, Santamaría A, Luque E, Agüera E, LaTorre M, Túnez I. Neuroprotective and antioxidant effects of docosahexaenoic acid (DHA) in an experimental model of multiple sclerosis. JOURNAL OF NUTRITIONAL BIOCHEMISTRY. 2024. DOI: 10.1016/j.jnutbio.2023.109497. IF: 4,8 Q1 D2

4. Navarrete-Pérez A, Gómez-Melero S, Escribano BM, Galvao-Carmona A, Conde-Gavilán C, Peña-Toledo MA, Villarrubia N, Villar LM, Túnez I, Agüera-Morales E, Caballero-Villarraso J. MIND Diet Impact on Multiple Sclerosis Patients: Biochemical Changes after Nutritional Intervention. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. DOI: 10.3390/ijms251810009. IF: 4,9 Q1 D3

5. Cruz-Medel I, Peña-Toledo MA, Albuquerque-Sendín F, Rodrigues-de-Souza DP, Conde-Gavilán C, Jover-Sánchez AM, Carmona-Medialdea C, Agüera-Morales E. Lumbopelvic Muscle Mechanical Properties in Women with Multiple Sclerosis: A Cross-Sectional Case-Controlled Study. BIOMEDICINES. 2024. DOI: 10.3390/biomedicines12122925. IF: 3,9 Q1 D3

» ACTIVITY:

- Nº ONGOING PROJECTS: 1
- Nº CLINICAL TRIALS: 39
- Nº PHD THESES: 3

» ADDITIONAL INFORMATION:

- NETWORKS: 4
 - Spanish Brain Stimulation Network (Red Española de Estimulación Cerebral)
 - The Spanish Network of Multiple Sclerosis (REEM)
 - PAIDI CTS-624 Neuroplasticity and oxidative stress
 - CTS-985 Muscular regeneration
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 1
 - PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ANDRES DELGADO CAMPOS
- 12 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS: 1
 - 3TR- Identification of the Molecular Mechanisms of Nonresponse to Treatments, Relapses and Remmissions in Autoimmune, Inflammatory and Allergiis Conditions.

GC29:
INFLAMMATORY IMMUNE-MEDIATED CUTANEOUS DISEASES

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Ruano	Ruiz	Juan	R4
Gómez	García	Francisco	R3
Isla	Tejera	Beatriz	R3
Vélez	García-Nieto	Antonio	R3
Aguilar	Luque	Macarena	R1
Allalou	Ruiz	Yasmín	R1
Carmona	Fernández	Pedro Jesús	R1
Cebrián	García	Álvaro	R1
Galán	Gutiérrez	Manuel	R1
Gay	Mimbrera	Jesús	R1
Gómez	Arias	Pedro Jesús	R1
Juan	Cencerrado	Miguel	R1
López	García	María	R1
Mochón	Jiménez	Carmen	R1
Rivera	Ruiz	Irene	R1
Sanz	Cabanillas	Juan Luis	R1

» SCIENTIFIC PRODUCTION



» KEYWORDS:

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

» HIGHLIGHTED PUBLICATIONS:

1. Del Duca E, Dahabreh D, Kim M, Bar J, Da Rosa JC, Rabinowitz G, Facheris P, Arias PJG, Chang AN, Utti V, Chowdhury A, Liu Y, Estrada YD, Laculiceanu A, Agache I, Guttman-Yassky E. Transcriptomic evaluation of skin tape-strips in children with allergic asthma uncovers epidermal barrier dysfunction and asthma-associated biomarkers abnormalities. ALLERGY. 2024. 1516-1530. DOI: 10.1111/all.16060. I
F: 12,6 Q1 D1

2. Thyssen JP, Silverberg JI, Ruano J, Blauvelt A, Gubelin W, Simpson EL, Weidinger S, Valdez H, Terry KK, Biswas P, Güler E, Feeney C. Optimizing maintenance therapy in responders to abrocitinib induction: A post hoc analysis of JADE REGIMEN. JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY. 2024. 2130-2138. DOI: 10.1111/jdv.20095.
IF: 8,4 Q1 D1

3. Sanz-Cabanillas JL, Gómez-García F, Gómez-Arias PJ, Montilla-López A, Gay-Mimbrera J, Ruano J, Isla-Tejera B, Parra-Peralbo E. Efficacy and safety of anakinra and canakinumab in PSTPIP1-associated inflammatory diseases: a comprehensive scoping review. FRONTIERS IN IMMUNOLOGY. 2024. DOI: 10.3389/fimmu.2023.1339337.
IF: 5,7 Q1 D3

4. Gómez-Arias PJ, Gay-Mimbrera J, Rivera-Ruiz I, Aguilar-Luque M, Juan-Cencerrado M, Mochón-Jiménez C, Gómez-García F, Sánchez-González S, Ortega-Hernández A, Gómez-Garre D, Parra-Peralbo E, Isla-Tejera B, Ruano J. Association Between Scalp Microbiota Imbalance, Disease Severity, and Systemic Inflammatory Markers in Alopecia Areata. DERMATOLOGY AND THERAPY. 2024. 2971-2986. DOI: 10.1007/s13555-024-01281-2.
IF: 3,5 Q1 D3

5. Ruiz-Villaverde R, Rodriguez-Fernandez-Freire L, Cebolla-Verdugo M, Prados-Carmona A, Hernández-Montoya C, Armario-Hita JC, Galán-Gutiérrez M. Bimekizumab: Short-Term Effectiveness and Safety in Real Clinical Practice in Andalucía, Spain. LIFE-BASEL. 2024. DOI: 10.3390/life14030281.
IF: 3,2 Q1 D3

» ACTIVITY:

- Nº ONGOING PROJECTS: 2
- Nº CLINICAL TRIALS: 22
- Nº PATENTS: 2

» ADDITIONAL INFORMATION:

- NETWORKS: 8
 - Cochrane Skin Group
 - Cochrane Bias Methods Group
 - Academia Española de Dermatología y Venerología
 - CTS-1041 Nuevos métodos diagnósticos y terapéuticos en enfermedades cutáneas inflamatorias inmunomediadas (PAIDI research group)
 - Icahn School of Medicine at Mount Sinai, NY, USA
 - Laboratory of Investigative Dermatology, The Rockefeller University, NY, USA
 - National Psoriasis Foundation
 - Acción Psoriasis – Asociación de Pacientes de Psoriasis y Familiares
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 1
 - PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ALVARO CEBRIAN GARCIA
- 16 AGREEMENTS WITH COMPANIES

SCIENTIFIC PROGRAM 4: CANCER (ONCOLOGY AND ONCOHEMATOLOGY)

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Gahete	Ortiz	Manuel D.	R4
López	Cánovas	Juan L.	R2
García	Estrada	Antonio	R1
Hermán	Sánchez	Natalia	R1
Ojeda	Pérez	Betsaida	R1
Pozo	Relaño	María Isabel	R1
Serrano	Jiménez	María	R1
Fernández	Ramírez	Víctor	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. Alors-Pérez E, Pedraza-Arevalo S, Blázquez-Encinas R, García-Vioque V, Agraz-Doblas A, Yubero-Serrano EM, Sánchez-Frías ME, Serrano-Blanch R, Gálvez-Moreno MA, Gracia-Navarro F, Gahete MD, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Altered CELF4 splicing factor enhances pancreatic neuroendocrine tumors aggressiveness influencing mTOR and everolimus response. MOLECULAR THERAPY NUCLEIC ACIDS. 2024. DOI: 10.1016/j.omtn.2023.102090. IF: 6,5 Q1 D2

2. Hermán-Sánchez N, G-García ME, Jiménez-Vacas JM, Yubero-Serrano EM, López-Sánchez LM, Romero-Martín S, Raya-Povedano JL, Alvarez-Benito M, Castaño JP, Luque RM, Gahete MD. The splicing machinery is dysregulated and represents a therapeutic vulnerability in breast cancer. CELLULAR AND MOLECULAR LIFE SCIENCES. 2024. DOI: 10.1007/s00018-024-05515-6. IF: 6,2 Q1 D2

3. Sáez-Martínez P, Porcel-Pastrana F, Montero-Hidalgo AJ, de la Haba SL, Sanchez-Sanchez R, González-Serrano T, Gómez-Gómez E, Martínez-Fuentes AJ, Jiménez-Vacas JM, Gahete MD, Luque RM. Dysregulation of RNA-Exosome machinery is directly linked to major cancer hallmarks in prostate cancer: Oncogenic role of PABPN1. CANCER LETTERS. 2024. DOI: 10.1016/j.canlet.2023.216604. IF: 9,1 Q1 D2

4. Montero-Hidalgo AJ, Jiménez-Vacas JM, Gómez-Gómez E, Porcel-Pastrana F, Sáez-Martínez P, Pérez-Gómez JM, Fuentes-Fayos AC, Blázquez-Encinas R, Sánchez-Sánchez R, González-Serrano T, Castro E, López-Soto PJ, Carrasco-Valiente J, Sarmento-Cabral A, Martinez-Fuentes AJ, EyraS E, Castaño JP, Sharp A, Olmos D, Gahete MD, Luque RM. SRSF6 modulates histone-chaperone HIRA splicing to orchestrate AR and E2F activity in prostate cancer. SCIENCE ADVANCES. 2024. DOI: 10.1126/sciadv.ado8231. IF: 11,7 Q1 D1

5. Alvarado-Tapias E, Maya-Miles D, Albillos A, Aller R, Ampuero J, Andrade RJ, Arechederra M, Aspichueta P, Banales JM, Blas-Garcia A, Caparros E, Delgado TC, Carrillo-Vico A, Claria J, Cubero FJ, Díaz-Ruiz A, Fernandez-Barrena MG, Fernandez-Iglesias A, Fernandez-Veledo S, Frances R, Gallego-Duran R, Gracia-Sancho J, Irimia M, Lens S, Martinez-Chantar ML, Minguez B, Munoz-Hernandez R, Nogueiras R, Ramos-Molina B, Riveiro-Barciela M, Rodríguez-Peralvarez ML, Romero-Gomez M, Sabio G, Sancho-Bru P, Ventura-Cots M, Vidal S, Gahete MD. Proceedings of the 5th Meeting of Translational Hepatology, organized by the Spanish Association for the Study of the Liver (AEEH). GASTROENTEROLOGIA Y HEPATOLOGIA. 2024. DOI: 10.1016/j.gastrohep.2024.502207. IF: 2,2 Q3

» ACTIVITY:

- Nº ONGOING PROJECTS: 6
- Nº GRANTED PROJECTS IN 2024: 2
- Nº PHD THESES: 1
- Nº PATENTS: 2

» ADDITIONAL INFORMATION:

- NETWORKS: 5
 - CIBERobn - Centro de Investigación Biomédica en Red - Fisiopatología de la Obesidad y Nutrición
 - Red de Investigación Nacional (RED2022-134397-T) - Ministerio de Ciencia, Innovación y Universidades
 - PAIDI BIO-139 - Endocrinología Celular y Molecular.
 - Grupo de Trabajo de Enfermedad Hepática Metabólica (SEEN - Sociedad Española de Endocrinología y Nutrición).
 - Focus Area: Tumores endocrinos (ESE - Sociedad Europea de Endocrinología).
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 5
 - AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES (FPU). Funding Agency: AGENCIA ESTATAL DE INVESTIGACIÓN. NATALIA HERMAN SANCHEZ
 - AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES (FPU). Funding Agency: AGENCIA ESTATAL DE INVESTIGACIÓN. ANTONIO GARCÍA ESTRADA
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2021. Funding Agency: INSTITUTO DE SALUD CARLOS III. BETSAIDA OJEDA PÉREZ
 - PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. VÍCTOR JESUS FERNANDEZ RAMIREZ
 - ACCIÓN ESTRATÉGICA EN SALUD - MOVILIDAD DE PERSONAL INVESTIGADOR CONTRATADO EN EL MARCO DE LA AES (M-AES) 2023. Funding Agency: INSTITUTO DE SALUD CARLOS III. BETSAIDA OJEDA PÉREZ
- AWARDS: 4
 - María Isabel Pozo Relaño; PREMIO MEJOR TRABAJO FIN DE GRADO EN ENDOCRINOLOGÍA Y NUTRICIÓN. FUNDACIÓN SOCIEDAD ESPAÑOLA DE ENDOCRINOLOGÍA Y NUTRICIÓN (FSEEN).
 - Antonio García Estrada; ESE BASIC/TRANSLATIONAL POSTER AWARD 2024; EUROPEAN SOCIETY OF ENDOCRINOLOGY (ESE)
 - Juan Luis López Cánovas; BEST SCIENTIFIC PUBLICATION OF 2023 BY A POSTDOCTORAL RESEARCHER. PREMIOS FUNDACIÓN BIOMOL-IMIBIC.
 - Antonio García Estrada; BBVA FOUNDATION-SEBBM YOUNG RESEARCHERS AWARD; SPANISH SOCIETY OF BIOCHEMISTRY AND MOLECULAR BIOLOGY (SEBBM)-BANCO BILBAO VIZCAYA ARGENTARIA S.A. (BBVA)

GC31:

COMPREHESIVE NURSING CARE.MULTIDISCIPLINARY PERSPECTIVE

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
López	Soto	Pablo J.	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	
Medina	Valverde	María José	R2	
Moral	Arroyo	Juan Antonio	R2	
Muñoz	Alonso	Adoración	R2	
Rodríguez	Cortés	Francisco José	R2	
Cubero	Luna	Ana María	R1	
Jiménez	Pastor	José Manuel	R1	
Jiménez	Ruz	Andrea	R1	
Labrador	Rodríguez	Francisco J.	R1	
López	Carrasco	Juan de la Cruz	R1	
Ruz	Cea	Patricia	R1	
Segura	Ruiz	Rocío	R1	
Valverde	León	María del Rocío	R1	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

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

» HIGHLIGHTED PUBLICATIONS:

1. Arevalo-Buitrago P, Collado MJB, Martínez AG, Villarejo RC, Recio MER, Díaz EQ, López FJD, Gomáriz AAM, García GEC, Montoro FJC, López-Soto PJ. Impact of nursing interventions on the prevention of ocular surface disorders in critical care patients: A systematic review. NURSING IN CRITICAL CARE. 2024. 1758-1767. DOI: 10.1111/nicc.13141. IF: 3 Q1 D1

2. Jiménez-Pastor JM, Rodríguez-Cortés F, López-Soto P, López-Coleto L, Meira e Cruz M. Cardiorespiratory and circadian clock markers in intensive care unit patients. DENTAL AND MEDICAL PROBLEMS. 2024. 797-801. DOI: 10.17219/dmp/191537. IF: 2,7 Q1 D3
3. Prieto-Crespo V, Arevalo-Buitrago P, Olivares-Luque E, García-Arcos A, López-Soto PJ. Impact of Spiritual Support Interventions on the Quality of Life of Patients Who Receive Palliative Care: A Systematic Review. NURSING REPORTS. 2024. 1906-1921. DOI: 10.3390/nursrep14030142. IF: 2,4 Q1 D2
4. Liébana-Presa, C., García-Fernández, R., Martín-Vázquez, C., Martínez-Fernández, M. C.,& Hidalgo-Lopezosa, P. (2024). Anxiety, prenatal distress, and resilience during the first trimester of gestation. Revista da Escola de Enfermagem da U S P, 58, e20230290. DOI: 10.1590/1980-220X-REEUSP-2023-0290en. IF: 1,2 Q3

» ACTIVITY:

- Nº ONGOING PROJECTS: 5
- Nº GRANTED PROJECTS IN 2024: 1
- Nº PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 2
 - PAIDI CTS-666 scientific group
 - COST CA20104
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 2
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2020. Funding Agency: INSTITUTO DE SALUD CARLOS III. FRANCISCO JOSE RODRIGUEZ CORTES
 - PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. LUNA LÓPEZ COLETO

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	
Tabernero	Urbieto	Carmen	R3	
Castillo	Mayén	Rosario	R3	
Cuadrado		Esther	R3	
Fernández	Calvo	Bernardino	R3	
Moyano	Pacheco	Manuel	R3	
Rubio	García	Sebastián	R3	
Farhane	Medina	Naima Z.	R2	
Gutiérrez	Domingo	Tamara	R2	
Villaécija	Rodríguez	Joaquín	R2	
García	Roldán	Sofía de la Villa	R1	
Vivas	Herrera	Sebastián	R1	

» 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. Rebollo-Román A, Tabernero-Urbieto MC, Villaécija J, Luque-Salas B. Mediterranean diet adherence and glycemic control in children and adolescents with type 1 diabetes. EUROPEAN JOURNAL OF PEDIATRICS. 2024. 453-460. DOI: 10.1007/s00431-023-05325-1.
IF: 3 Q1 D2
2. Tabernero C, Rebollo-Román A, Villaécija-Rodríguez J, Luque B. Charting a path to health: The empowering influence of self-efficacy for the self-management of type 1 diabetes in children and adolescents. INTERNATIONAL JOURNAL OF PSYCHOLOGY. 2024. 1121-1132. DOI: 10.1002/ijop.13240.
IF: 3,3 Q1 D2

3. Zanatta F, Tabernero C, Steca P, Castillo-Mayén R, Cuadrado E, Luque B. Predicting Physical Activity and Quality of Life in Coronary Heart Disease Patients: An 18-Month Path Analysis of Motivational and Emotional Factors. HEALTH PSYCHOLOGY. 2024. 352-364. DOI: 10.1037/hea0001348.
IF: 3,1 Q1 D2
4. Contreras-Merino AM, Farhane-Medina NZ, Castillo-Mayén R. Unmasking Street Harassment in Spain: Prevalence, Psychological Impact, and the Role of Sexism in Women’s Experiences. SEX ROLES. 2024. 1136-1153. DOI: 10.1007/s11199-024-01500-2.
IF: 3 Q1 D1
5. Cuadrado E, Díaz-Carmona I, Alcantara-Manzanares J. Mediating and Moderating Factors Affecting Pro-environmental Decision-Making: A Spanish Study. AUSTRALIAN JOURNAL OF ENVIRONMENTAL EDUCATION. 2024. 651-661. DOI: 10.1017/aee.2024.9.
IF: 2,2 Q1 D3

» ACTIVITY:

- N° ONGOING PROJECTS: 2
- N° GRANTED PROJECTS IN 2024: 1
- N° PHD THESES: 3

» ADDITIONAL INFORMATION:

- NETWORKS: 7
 1. PAIDI HUM-414 (<http://www.uco.es/investiga/grupos/hum-414/>). Responsable: Bárbara Luque Salas
 2. Instituto de Neurociencias de Castilla Y León “IncyL” - Unidad de Investigación Consolidada de Castilla y León
 3. PAIDI SEJ-544 ÍNDICES (<http://www.uco.es/investiga/grupos/indices/>)
 4. Grupo: UIC 249 (Unidad de Investigación Consolidada de Castilla y León). Directora: María del Carmen Tabernero Urbieto
 5. Grupo: GIR (Grupo de investigación reconocido de la Universidad de Salamanca). Directora: María del Carmen Tabernero Urbieto
 6. PAIDI HUM-568 (<https://grupo.us.es/grupoidrho/>)
 7. Laboratorio-Observatorio de Salud Laboral desde la Perspectiva de Género (LAOGEN) <https://www.juntadeandalucia.es/organismos/iaprl/areas/investigacion/laogen.html>
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 2
 1. FORMACIÓN PROFESORADO UNIVERSITARIO “FPU” (MEC) – SEBASTIÁN VIVAS HERRERA
 2. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. SOFIA DE LA VILLA GARCIA ROLDAN
- INTERNATIONAL PROJECTS: 1
 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	
Blanca	Pedregosa	Ana María	R2	
Campos	Hernández	Juan Pablo	R2	
Anglada	Curado	Francisco	R1	
Chamorro	Castillo	Laura	R1	
Márquez	López	Javier	R1	
Morillo	Tejedor	Ana Cristina	R1	
Rubio	Galisteo	Juan Manuel	R1	
Ruiz	García	Jesús	R1	
Sánchez	Ostos	Manuel	R1	
Sánchez	Álvarez	Elisabet	R1	
Valero	Rosa	José	R1	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

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

» HIGHLIGHTED PUBLICATIONS:

1. Salguero J, Chamorro L, Gómez-Gómez E, Robles JE, Campos JP. Graft survival and delayed graft function with normothermic regional perfusion and rapid recovery after circulatory death in kidney transplantation: a propensity score matching study. MINERVA UROLOGY AND NEPHROLOGY. 2024. 60-67. DOI: 10.23736/S2724-6051.23.05393-4.
IF: 4,9 Q1 D2
2. García-Morales L, Contreras-Matos FJ, Blanca-Pedregosa A, Mellado-Castillero A, Campos-Hernández JP, Lara MF, Puche-Sanz I, Gómez-Gómez E. Multi-Centre Study of Progression Factors and Intravesical Recurrence in Patients with Urothelial Carcinoma of the Upper Urinary Tract. DIAGNOSTICS. 2024. DOI: 10.3390/diagnostics14222491.
IF: 3 Q1 D2
3. Gómez-Gómez E, Martínez-Salamanca JI, Bianco F, Miles BJ, Burgos J, Quintas JJ, Cano-Castiñeira R, Gómez-Ferrer A, Rodríguez-Antolín A, Chéchile G, Fernández L, Martín A, Hidalgo P, Parramón M. ProsTAV, a clinically useful test in prostate cancer: an extension study. WORLD JOURNAL OF UROLOGY. 2024. DOI: 10.1007/s00345-024-05098-8.
IF: 2,8 Q2 D3

4. Montero-Hidalgo AJ, Jiménez-Vacas JM, Gómez-Gómez E, Porcel-Pastrana F, Sáez-Martinez P, Pérez-Gómez JM, Fuentes-Fayos AC, Blázquez-Encinas R, Sánchez-Sánchez R, González-Serrano T, Castro E, López-Soto PJ, Carrasco-Valiente J, Sarmento-Cabral A, Martinez-Fuentes AJ, Eyras E, Castaño JP, Sharp A, Olmos D, Gahete MD, Luque RM. SRSF6 modulates histone-chaperone HIRA splicing to orchestrate AR and E2F activity in prostate cancer. SCIENCE ADVANCES. 2024. DOI: 10.1126/sciadv.ado8231.
IF: 11,7 Q1 D1
5. Sáez-Martínez P, Porcel-Pastrana F, Montero-Hidalgo AJ, de la Haba SL, Sanchez-Sanchez R, González-Serrano T, Gómez-Gómez E, Martínez-Fuentes AJ, Jiménez-Vacas JM, Gahete MD, Luque RM. Dysregulation of RNA-Exosome machinery is directly linked to major cancer hallmarks in prostate cancer: Oncogenic role of PABPN1. CANCER LETTERS. 2024. DOI: 10.1016/j.canlet.2023.216604.
IF: 9,1 Q1 D2

» ACTIVITY:

- N° ONGOING PROJECTS: 3
- N° GRANTED PROJECTS IN 2024: 1
- N° CLINICAL TRIALS: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 2
 1. Life Length – a biotechnology-based company whose activity focuses on the commercialization of the TAT telomere measurement technique.
 2. CTS-172 –Group of Urological Pathology, pertaining to the Andalusian Plan for Research, Development and Innovation (PAIDI)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 2
 1. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ELISABET SANCHEZ ALVAREZ
 2. MARIE SKLODOWSKA-CURIE: DOCTORAL NETWORKS (DN) 2023. Funding Agency: COMISIÓN EUROPEA. JULIA CARRASCO VALIENTE
- 17 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
Mendoza	García	Francisco Javier	R3
Pérez	Écija	Rafael Alejandro	R3
Beltrán	Camacho	Lucía	R2
Durán	Torralba	María del Carmen	R2
López	Aguilera	José	R2
Rodríguez	Almodóvar	Ana María	R2
García	Caballero	Cristina	R1
Pérez	Rodríguez	Miguel	R1
Sánchez	Mendoza	Luz Marina	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:

- Soto-Catalan M, Opazo-Rios L, Quiceno H, Lazaro I, Moreno JA, Gomez-Guerrero C, Egido J, Mas-Fontao S. Semaglutide Improves Liver Steatosis and De Novo Lipogenesis Markers in Obese and Type-2-Diabetic Mice with Metabolic-Dysfunction-Associated Steatotic Liver Disease. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. DOI: 10.3390/ijms25052961.
IF: 4,9 Q1 D3
- Mas-Fontao S, Civantos E, Boukichou N, Moreno JA, Tuomilehto J, Gabriel R, Egido J. Prevalence and factors linked to renal involvement in prediabetes patients across Europe in the ePREDICE trial. SCIENTIFIC REPORTS. 2024. DOI: 10.1038/s41598-024-79842-w.
IF: 3,8 Q1 D2

- Sánchez-Mendoza LM, Pérez-Sánchez C, García-Caballero C, Pérez-Rodríguez M, Calero-Rodríguez P, Vellón-García B, Moreno JA, Burón MI, de Cabo R, González-Reyes J, Villalba JM. CYB5R3 overexpression exhibits sexual dimorphism: Mitochondrial and metabolic adaptations in transgenic female mice during calorie restriction. FREE RADICAL BIOLOGY AND MEDICINE. 2024. 69-86. DOI: 10.1016/j.freeradbiomed.2024.07.034.
IF: 7,1 Q1 D1
- Pérez-Rodríguez M, García-Verdugo A, Sánchez-Mendoza LM, Muñoz-Martín A, Bolaños N, Pérez-Sánchez C, Moreno JA, Burón MI, de Cabo R, González-Reyes JA, Villalba JM. Cytochrome b5 reductase 3 overexpression and dietary nicotinamide riboside supplementation promote distinctive mitochondrial alterations in distal convoluted tubules of mouse kidneys during aging. AGING CELL. 2024. DOI: 10.1111/ace.14273.
IF: 8 Q1 D1
- García-Caballero C, Guerrero-Hue M, Vallejo-Mudarra M, Antolin AP, Decouty-Pérez C, Sánchez-Mendoza LM, Villalba JM, González-Reyes JA, Opazo-Rios L, Vázquez-Carballo C, Herencia C, Leiva-Cepas F, Cortegano I, de Andrés B, Egido J, Egea J, Moreno JA. Nox4 is involved in acute kidney injury associated to intravascular hemolysis. FREE RADICAL BIOLOGY AND MEDICINE. 2024. 430-444. DOI: 10.1016/j.freeradbiomed.2024.10.283.
IF: 7,1 Q1 D2

» ACTIVITY:

- Nº ONGOING PROJECTS: 2
- Nº CLINICAL TRIALS: 2
- Nº PATENTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 5
 - CIBERCV - CIBER on Cardiovascular Diseases
 - ERA-EDTA - Immunonephrology Working Group. European Renal Association – European Dialysis and Transplant Association
 - GLOSEN - Spanish group for glomerulonephritis
 - FRASEN – Spanish group of acute kidney injury
 - “BenBedPhar” - COST Action CA20121. 2021-2025. Bench to bedside transition for pharmacological regulation of NRF2 in noncommunicable diseases. Horizon 2020 Framework Programme of the European Union.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 3
 - RAMÓN Y CAJAL (MICINN) - JUAN ANTONIO MORENO GUTIÉRREZ
 - PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO- CRISTINA GARCÍA CABALLERO
 - PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- MERCEDES VALLEJO MUDARRA
- AWARDS: 1
 - Premio “ERA National Society of Nephrology Grant” 2024. 54º Congreso Sociedad Española de Nefrología (SEN), Valencia 2024. “Papel de Nox4 en la disfunción mitocondrial asociada al fracaso renal agudo inducido por hemólisis intravascular”. Cristina García-Caballero, Luz Marina Sánchez-Mendoza, Mercedes Vallejo-Mudarra, Isabel Pozuelo-Sánchez, Lucía Beltrán-Camacho, Natalio Leiva, Lucía Sánchez Arcas, Javier Egea, José Manuel Villalba Montoro, Juan Antonio Moreno

SCIENTIFIC PROGRAM 3: ENFERMEDADES INFECCIOSAS, INMUNOLÓGICAS Y TRASPLANTE DE ÓRGANOS

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
González	Andrades	Miguel	R4
Jiménez	Gomez	Yolanda	R3
Cano	Ortiz	Antonio	R4
Domínguez	Pérez	Juan Manuel	R4
Granados	Machuca	Maria Del Mar	R4
Reques	Rodríguez	Ricardo	R4
Alba	Molina	David	R3
Giménez	Gomez	Rafael	R3
Villalba	Montoro	Rafael	R3
Arias	Alcala	Manuel	R2
Contieri	Lambiese	Fabio	R2
Fernández	Molina	Francisco Jose	R2
Giménez-Almenara	Amo	Francisco Javier	R2
Herrador	Montiel	María De Los Ángeles	R2
Ibarra	De La Rosa	Encarnación	R2
Labella	Quesada	Fernando	R2
Pérez	Cordobés	María José	R2
Plugiese	Rojas	Francisco Antonio	R2
Stoikow	Pino	Indira	R2
Blanco	Blanco	Mario	R1
Fernández	Choquet De Isla	Jose Ignacio	R1
González	Lopez	Ana	R1
Ortega	Llamas	Laura	R1
Pérez	Perdomo	Mayelin	R1
Villalba	González	Marta	R1
Baños	Gil	Rosa	N
Ordoñez	Villaizan	Ángela	N

» SCIENTIFIC PRODUCTION



PUBLICATIONS



PUBLICATIONS
IN FIRST QUARTILE

» KEYWORDS:

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

» HIGHLIGHTED PUBLICATIONS:

- Simoliunas E, Ruedas-Torres I, Jiménez-Gómez Y, Edin E, Aghajanzadeh-Kiyaseh M, Zamani-Roudbaraki M, Asoklis R, Alksne M, Thathapudi NC, Poudel BK, Rinkunaite I, Asoklis K, Iesmantaitė M, Ortega-Llamas L, Makselis A, Munoz M, Baltriukienė D, Bukelskiene V, Gómez-Laguna J, González-Andrades M, Griffith M. Inflammation-suppressing cornea-in-a-syringe with anti-viral GF19 peptide promotes regeneration in HSV-1 infected rabbit corneas. NPJ REGENERATIVE MEDICINE. 2024. DOI: 10.1038/s41536-024-00355-1.
IF: 6,4 Q1 D2
- Islam MM, Saha A, Trisha FA, Gonzalez-Andrades M, Patra HK, Griffith M, Chodosh J, Rajaiya J. An in vitro 3-dimensional Collagen-based Corneal Construct with Innervation Using Human Corneal Cell Lines. OPHTHALMOLOGY SCIENCE. 2024. DOI: 10.1016/j.xops.2024.100544.
IF: 3,2 Q1 D2
- Martínez-de-la-Casa JM, Marcos-Parra MT, Millá-Griñó E, Laborda T, Giménez-Gomez R, Larrosa JM, Urcola A, Teus MA, Perucho-Martínez S. Effectiveness and safety of XEN63 in patients with primary-open-angle glaucoma. SCIENTIFIC REPORTS. 2024. DOI: 10.1038/s41598-024-55287-z.
IF: 3,8 Q1 D2
- Alvarez FL, Fernández-Ramos JA, León RC, de la Rosa EI, Laso EL. Síndrome de pseudotumor cerebri en la población pediátrica: características clínicas, tratamiento y pronóstico. NEUROLOGIA. 2024. DOI: 10.1016/j.nrl.2021.04.013.
IF: 2,9 Q2
- Gonzalez LP, Ruiz-Ortiz M, Delgado M, Rodriguez S, Villalba R, Merino C, Casares J, Mesa D, de Lezo JS, Pan MN. Ross procedure: valve function, clinical outcomes and predictors after 25 years' follow-up. CURRENT PROBLEMS IN CARDIOLOGY. 2024. DOI: 10.1016/j.cpcardiol.2024.102410.
IF: 3 Q2

» ACTIVITY:

- Nº ONGOING PROJECTS: 2
- Nº GRANTED PROJECTS IN 2024: 1
- Nº CLINICAL TRIALS: 10

» ADDITIONAL INFORMATION:

- NETWORKS:
 - “Ricors-rei” ISCIII. Red de Enfermedades Inflammatorias (RD21/0002/0011 and RD21/0002/0032)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 5
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2022 (CON SS). Funding Agency: INSTITUTO DE SALUD CARLOS III - MARIO BLANCO BLANCO
 - AYUDAS JUAN DE LA CIERVA FORMACIÓN 2020. Funding Agency: AGENCIA ESTATAL DE INVESTIGACIÓN - DAVID ALBA MOLINA
 - PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO - ANA GONZALEZ LOPEZ
 - PROGRAMA INVESTIGO 2022. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL - LAURA ORTEGA LLAMAS
 - PROGRAMA NICOLÁS MONARDES 2023. Funding Agency: CONSEJERÍA DE SALUD Y CONSUMO - YOLANDA JIMÉNEZ GÓMEZ
- 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	R3	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	
Casado	Adam	Ángela	R2	
Díaz	López	César	R2	
Ortega	Salas	Rosa	R2	
Sánchez	Hidalgo	Juan Manuel	R2	
Valenzuela	Molina	Francisca	R2	
Vázquez	Borrego	Mª Carmen	R2	
Barbudo	Lunar	Marina	R1	
Bura	Balajan	Florina Iulia	R1	
Granados	Rodríguez	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:

- Rodríguez-Ortiz, L; Vázquez-Borrego, MC; Bura, FI; Granados-Rodríguez, M; Valenzuela-Molina, F; Rufián-Andújar, B; Martínez-López, A; Ortega-Salas, R; Espejo-Herrero, JJ; Romero-Ruiz, A; Arjona-Sánchez, A. Intra-tumoural bromelain and N-acetylcysteine for recurrent and unresectable pseudomyxoma peritonei: phase I/II trial. BRITISH JOURNAL OF SURGERY. 2024. DOI: 10.1093/bjs/znae045.
IF: 8,7 Q1 D1
- Romero-Ruiz A, Granados-Rodríguez M, Bura FI, Valenzuela-Molina F, Rufián-Andújar B, Martínez-López A, Rodríguez-Ortiz L, Ortega-Salas R, Torres-Martínez M, Moreno-Serrano A, Castaño J, Michán C, Alhama J, Vázquez-Borrego MC, Arjona-Sánchez A. Breaking the Mucin Barrier: A New Affinity Chromatography-Mass Spectrometry Approach to Unveil Potential Cell Markers and Pathways Altered in Pseudomyxoma Peritonei. BIOLOGICAL PROCEDURES ONLINE. 2024. DOI: 10.1186/s12575-024-00239-0.
IF: 3,7 Q1 D3
- Trinidad-Gutiérrez I, Vázquez-Borrego MC, Aguilera-Fernández E, Velez-Castaño JE, Muriel-López CE, Rodríguez-Ortiz L, Gómez A, Berchez-Moreno F, Hervás C, Romero-Ruiz A, Arjona-Sánchez A. Efficacy of systemic Chemotherapy on high-risk stage II and III Mucinous colon cancer. CHEMUCCA study part I. EJSO. 2024. DOI: 10.1016/j.ejso.2024.108642.
IF: 3,5 Q1 D2
- Campos PV, Vázquez-Borrego MC, Martínez-Quintanilla J, Cabot D, Romero-Ruiz A, Granados-Rodríguez M, Bura FI, García-Arranz M, García-Olmo D, Arjona-Sánchez A. Undetectable circulating tumor DNA confirms the inability of pseudomyxoma peritonei to systemic dissemination. EJSO. 2024. DOI: 10.1016/j.ejso.2024.108395.
IF: 3,5 Q1 D2
- Rufián-Andújar B, Medina-Fernández FJ, Bergillos-Jiménez M, Díaz-López CA, Briceño-Delgado FJ. Robotic and transvaginal excision of rectal leiomyoma - a video vignette. COLORECTAL DISEASE. 2024. 397-398. DOI: 10.1111/codi.16832. IF: 2,9 Q2 D5

» ACTIVITY:

- Nº ONGOING PROJECTS: 4
- Nº GRANTED PROJECTS IN 2024: 2
- Nº CLINICAL TRIALS: 3
- Nº PHD THESES: 1
- Nº PATENTS: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 4
 - COST Action: EuroPMP, European network for the study of pseudomyxoma peritonei.
 - “PSOGI” The Peritoneal Surface Oncology Group International (Lap-CRS+HIPEC registry)
 - “SEProt” – Spanish Society of Proteomic
 - REGECOP: registro español de carcinomatosis peritoneal. Promovido por la Sociedad Española de Oncología Quirúrgica SEOQ
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 6
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS SARA BORRELL 2021. Funding Agency: INSTITUTO DE SALUD CARLOS III. Mª CARMEN VAZQUEZ BORREGO
 - ACCIÓN ESTRATÉGICA EN SALUD - CONTRATOS PFIS: CONTRATOS PREDOCTORALES DE FORMACIÓN EN INVESTIGACIÓN EN SALUD 2023 (CON SS). Funding Agency: INSTITUTO DE SALUD CARLOS III. FLORINA IULIA BURA BALAJAN
 - PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ANA MORENO SERRANO
 - PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL. MARIA TORRES MARTINEZ
 - INVESTIGADOR PREDOCTORAL (CONTRATO FPU). Funding Agency: MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES. RAFAELA ROCHA PEZZOPANE.
 - INVESTIGADOR PREDOCTORAL -CLÍNICO (CONTRATO BECA AECC PARA JÓVENES INVESTIGADORES). Funding Agency: ASOCIACIÓN ESPAÑOLA CONTRA EL CÁNCER. BLANCA RUFÍAN ANDÚJAR.
- 5 AGREEMENTS WITH COMPANIES
- AWARDS: 2
 - AEC awards to the best publication in 2023. 7th November 2024. Dr. Alvaro Arjona.
 - Cordoba Medical College award to the best publication in 2023. December 2024. Dr. Alvaro Arjona

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

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILTY

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Romero	Rodríguez	Esperanza María	R4	0000-0001-5054-3845
Aparicio	Martínez	Pilar	R3	
Arias	Blanco	Mª del Carmen	R3	
Blanco	Hungría	Antonio	R3	
Castro	Jiménez	Rafael Ángel	R3	
Fernández	García	José Ángel	R3	
Fonseca	Del Pozo	Francisco Javier	R3	
García	Gómez	Francisco	R3	
González	Carretero	Juan Ignacio	R3	
González	Lama	Jesús	R3	
Hidalgo	Requena	Antonio	R3	
Jiménez	García	Celia	R3	
Molero	De la Mata	Rafael	R3	
Montero	Monterroso	José Luis	R3	
Muñoz	Del Castillo	Francisco	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	Moruno	Francisco Javier	R3	
Vaquero	Abellán	Manuel	R3	
Villegas	Becerril	Enrique	R3	
Hernández	Ascanio	José	R2	
Leiva	Cepas	Fernando	R2	
Martínez	Angulo	Pablo	R2	
Moscoso	Jara	Alicia	R2	
Muñoz	Alcaraz	Mª Nieves	R2	
Portero	De La Cruz	Silvia	R2	
Díaz	Crespo	Elena	R1	
Gracia	Rodríguez	Raquel	R1	
López	Ruiz	Victoria	R1	
Montserrat	Villatoro	Jaime	R1	
Navarrete	Martínez	Esther	R1	
Ruiz	Salcedo	Sofía	R1	
Sánchez	Cañete	Eva María	R1	
Uclés	Torrente	María del Mar	R1	
Pérula	Jiménez	Celia	N	
Carretero	Anibarro	Enrique	ADM	
Carmona	Casado	Ana Belén	T	
Montes	Redondo	Gertrudis	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Family and Community Medicine	Epidemiology
Primary Care	Applied Research
Public Health	Community Health
Preventive Medicine	Environment

» HIGHLIGHTED PUBLICATIONS:

- Avila-Jiménez JL, Cantón-Habas V, Carrera-González MD, Rich-Ruiz M, Ventura S. A deep learning model for Alzheimer's disease diagnosis based on patient clinical records. COMPUTERS IN BIOLOGY AND MEDICINE. 2024. DOI: 10.1016/j.combiomed.2023.107814.
IF: 7 Q1 D1
- Martínez-Angulo P, Rich-Ruiz M, Jiménez-Mérida MR, López-Quero S. Active listening, shared decision-making and participation in care among older women and primary care nurses: a critical discourse analysis approach from a gender perspective. BMC NURSING. 2024. DOI: 10.1186/s12912-024-02086-6.
IF: 3,1 Q1 D1
- Sánchez IMB, Aristizábal-Duque CH, Cabeza JF, Alvarez MV, Aparicio-Martínez P, Abellán MV, Ortiz MR, Rubio MDM, del Pozo FJF. Influence of Cardiovascular Risk Factors and Metabolic Syndrome on Epicardial Adipose Tissue Thickness in Rural Spanish Children and Adolescents. NUTRIENTS. 2024. DOI: 10.3390/nu16193321.
IF: 4,8 Q1 D2
- Stemler J, Yeghiazaryan L, Stephan C, Mohn KGI, Carcas-Sansuan AJ, Rodriguez ER, Moltó J, Mitxeltorena IV, Welte T, Zablockiene B, Akova M, Bethé U, Heringer S, Salmanton-García J, Jeck J, Tischmann L, Zarrouk M, Cüppers A, Biehl LM, Grothe J, Mellinghoff SC, Nacov JA, Neuhann JM, Sprute R, Frías-Iniesta J, Negi R, Gaillard C, Saini G, León AG, Mallon PWG, Lammens C, Hotterbeekx A, Loens K, Malhotra-Kumar S, Goossens H, Kumar-Singh S, Koenig F, Posch M, Köhler P, Cornely OA. Immunogenicity, reactogenicity, and safety of a second booster with BNT162b2 or full-dose mRNA-1273: A randomized VACCELERATE trial in adults aged ≥75 years (EU-COVAT-1-AGED Part B). INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES. 2024. DOI: 10.1016/j.ijid.2024.107161.
IF: 4,8 Q1 D2
- Meneses-Urrea LA, Vaquero-Abellán M, Arenas DV, Sandoval NB, Hernández-Carrillo M, Molina-Recio G. Colorectal and gastric cancer and its association with dietary patterns in Colombia. HELIYON. 2024. DOI: 10.1016/j.heliyon.2024.e34734.
IF: 3,4 Q1 D3

» ACTIVITY:

- Nº ONGOING PROJECTS: 6
- Nº GRANTED PROJECTS IN 2024: 2
- Nº CLINICAL TRIALS: 4
- Nº PHD THESES: 2

» ADDITIONAL INFORMATION:

- NETWORKS: 5
 - EGPRN (European General Practice Research Network)
 - EACH (International Association for Communication in Healthcare)
 - CIBERFES (CIBER de Fragilidad y Envejecimiento Saludable)
 - INVESTEN-ISCIH (unidad de Investigación en Cuidados y Servicios de Salud)
 - Global Burden of Diseases (GBD) Collaborator Network

- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 2
 1. Contrato Clínico-Investigador - Acción B. Funding Agency: SERVICIO ANDALUZ DE SALUD. ESPERANZA MARÍA ROMERO RODRÍGUEZ.
 2. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, EMPRESA Y TRABAJO AUTÓNOMO. ANA BELEN CARMONA CASADO
- 4 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS: 3
 1. JESUS GONZALEZ LAMA. Trials@Home - Bringing patients and clinical trials home. Funding Agency: COMISIÓN EUROPEA. Reference: IMI2-2018-14-04-001
 2. ESPERANZA MARÍA ROMERO RODRIGUEZ. VACCELERATE - European Corona Vaccine Trial Accelerator Platform. Funding Agency: COMISIÓN EUROPEA. Reference: SC1-CORONAVIRUS-01_
 3. APARICIO-MARTÍNEZ, PILAR; UNITE- University Network for Inclusive and digiTal Education; Funding Agency: EUROPEAN COMMISSION - EACEA; 2023 KA220-HED-1DC1BAF6-2022-1-IT02-KA220-HED-000089554.
- AWARDS: 1
 1. 2º Premio al mejor Proyecto de investigación Congreso Nacional SEMERGEN Bilbao. Beneficiarios: Jaime Jesús Castro Moreno y Esperanza Romero Rodríguez.

GE11

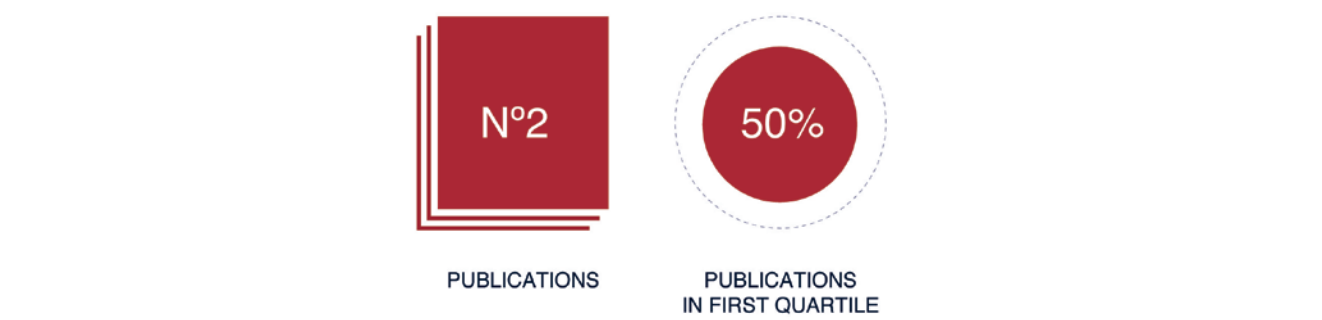
REDOX PROTEINS IN PATHOPHYSIOLOGICAL PROCESSES

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Requejo	Aguilar	Raquel	R4	0000-0002-0532-7630
Padilla	Peña	Carmen Alicia	R4	
González	Ojeda	Raúl	R3	
Cáceres	Redondo	Mª Teresa	R2	
Lagal	Ruiz	Daniel José	R2	
López	Cuiña	Miguel	R2	
Montes	Osuna	Antonio Manuel	R1	
Ortiz	Alcántara	Ángel	R1	
Ortiz	Olivencia	Alberto	R1	

» SCIENTIFIC PRODUCTION



» 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	

» HIGHLIGHTED PUBLICATIONS:

1. Lagal DJ, Montes-Osuna AM, Ortiz-Olivencia A, Arribas-Parejas C, Ortiz-Alcántara A, Pescuezo-Castillo C, Bárcena JA, Padilla CA, Requejo-Aguilar R. Tumoral Malignancy Decreases Coupled with Higher ROS and Lipid Peroxidation in HCT116 Colon Cancer Cells upon Loss of PRDX6. ANTIOXIDANTS. 2024. DOI: 10.3390/antiox13070881.
IF: 6 Q1 D2
2. Lagal DJ, Ortiz-Alcántara A, Pedrajas JR, Mcdonagh B, Bárcena JA, Requejo-Aguilar R, Padilla CA. Loss of peroxiredoxin 6 alters lipid composition and distribution resulting in increased sensitivity to ferroptosis. BIOCHEMICAL JOURNAL. 2024. 1997-2015. DOI: 10.1042/BCJ20240445.
IF: 4,4 Q2 D3

» **ACTIVITY:**

- N° ONGOING PROJECTS: 2
- N° PATENTS: 1

» **ADDITIONAL INFORMATION:**

- NETWORKS: 2
 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

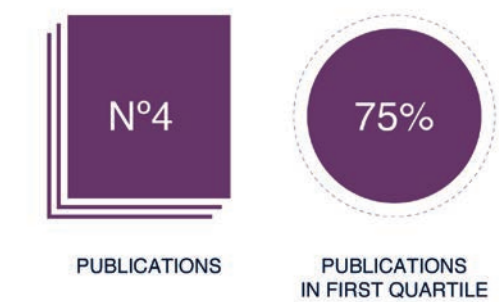
GA01:
LUNG TRANSPLANTS. THORACIC NEOPLASMS

SCIENTIFIC PROGRAM 3: INFECTIOUS AND IMMUNOLOGICAL DISEASES AND ORGAN TRANSPLANTATION

» **TEAM**

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Salvatierra	Velázquez	Ángel	R3	0000-000204639-7344
Moreno	Casado	Paula	R3	
Álvarez	Kindelan	Antonio	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	
Ruiz	López	Eloísa	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. Martell MB, Linton-Reid K, Hindocha S, Chen M, Moreno P, Alvarez-Benito M, Salvatierra A, Lee R, Posma JM, Calzado MA, Aboagye EO. Deep representation learning of tissue metabolome and computed tomography annotates NSCLC classification and prognosis. NPJ PRECISION ONCOLOGY. 2024. -. DOI: 10.1038/s41698-024-00502-3.
IF: 6,8 Q1 D2
2. Moreno P, González-García J, Ruíz-López E, Alvarez A. Lung Transplantation in Controlled Donation after Circulatory-Determination-of-Death Using Normothermic Abdominal Perfusion. TRANSPLANT INTERNATIONAL. 2024. -. DOI: 10.3389/ti.2024.12659.
IF: 2,7 Q1 D2
3. Perez-Blanco A, Acevedo M, Padilla M, Gomez A, Zapata L, Barber M, Martinez A, Calleja V, Rivero MC, Fernandez E, Velasco J, Flores EM, Quindos B, Rodriguez ST, Virgos B, Nebra AC, Robles JC, Moya J, Trenado J, Garcia N, Vallejo A, Herrero E, Garcia A, Rodriguez ML, Garcia F, Lara R, Lage L, Gil FJ, Guerrero FJ, Meilan A, Del Prado N, Fernandez C, Coll E, Dominguez-Gil B. Assessing Outcomes of Patients Subject to Intensive Care to Facilitate Organ Donation: A Spanish Multicenter Prospective Study. TRANSPLANT INTERNATIONAL. 2024. -. DOI: 10.3389/ti.2024.12791.
IF: 2,7 Q1 D2

» ACTIVITY:

- N° ONGOING PROJECTS: 1
- N° GRANTED PROJECTS IN 2024: 1
- N° PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 4
 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
- 1 AGREEMENT 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
Marín	Romero	Samira	R4	
Arenas	De Larriva	María del Sol	R3	
Cobos	Ceballos	María Jesús	R3	
Martín	De León	Roberto	R3	
Pascual	Martínez	Natalia	R3	
Santos	Luna	Francisco	R3	
Vaquero	Barrios	José Manuel	R3	
Caballero	Ballesteros	Laura	R2	
Cadenas de Llano	Conde	María José	R2	
Feu	Collado	Nuria	R2	
Gómez	Rebollo	Cristina	R2	
Hidalgo	Nuchera	Eduardo	R2	
Mira	Padilla	Estefanía	R2	
Muñoz	Corroto	Cristina	R2	
Redel	Montero	Javier	R2	
Requejo	Jiménez	Antonio	R2	
Villalba	Del Moral	Cristina	R2	

» 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.

Campos-Rodríguez F, Chiner E, de la Rosa-Carrillo D, García-Cosío B, Hernández-Hernández JR, Jiménez D, Méndez R, Molina-Molina M, Soto-Campos JG, Vaquero JM, Gonzalez-Barcala FJ. Respiratory Pathology and Cardiovascular Diseases: A Scoping Review. Open Respir Arch. 2024 Nov 23;7(1):100392. doi: 10.1016/j.opresp.2024.100392.

2.

Sánchez-López V, Marín-Romero S, Ferrer-Galván M, Elías-Hernández T, Lobo Beristain JL, Ballaz Quincoces A, Jara-Palomares L, Rodríguez Martorell FJ, Castro MJ, Marín Hinojosa C, López-Campos JL, Otero-Candelera R. Occult cancer in patients with unprovoked venous thromboembolism: A nested case-control study. Am J Clin Pathol. 2024 May 2;161(5):501-511. doi: 10.1093/ajcp/aqad178.
IF: 2.3 Q2

3.

Marin-Romero S, Ballaz-Quincoces A, Gómez-Cuervo C, Marchena-Yglesias PJ, Lopez-Miguel P, Francisco-Albesa I, Pedrajas-Navas JM, Lumbierres M, Aibar-Arregui MA, Bosco Lopez-Saez J, Perez-Pinar M, Baeza-Martinez C, Riera-Mestre A, Peris-Sifre M, Porras-Ledantes JA, Criado-Garcia J, Elias-Hernandez T, Otero R, Barca-Hernando M, Muriel A, Klok FA, Jara-Palomares L; SYSPPE investigators. Symptom-related screening programme for early detection of chronic thromboembolic pulmonary hypertension after acute pulmonary embolism: the SYSPPE study. Thorax. 2024 Jan 18;79(2):144-152. doi: 10.1136/thorax-2023-220580.
IF: 10.8 Q1 D1

4.

Jurado-Robles I, Jurado-Gámez B, Feu Collado N, Molina-Luque R, Molina-Recio G. Influence of Comorbidity and Obesity on the Occurrence of Vascular Events in Obstructive Apnoea Treated with CPAP. Nutrients. 2024 Sep 12;16(18):3071. doi: 10.3390/nu16183071.
IF: 4.8 Q1

5.

Entrenas-Castillo M, Entrenas-Costa LM, Pata MP, Jurado-Gamez B, Muñoz-Corroto C, Gomez-Rebollo C, Mira-Padilla E, Bouillon R, Quesada-Gómez JM. Calcifediol or Corticosteroids in the Treatment of COVID-19: An Observational Study. Nutrients. 2024 Jun 17;16(12):1910. doi: 10.3390/nu16121910.
IF: 3.4 Q2

» ACTIVITY:

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

» ADDITIONAL INFORMATION:

- NETWORKS: 6
 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. Grupo PAIDI CTS-992: Incorporación de nuevos métodos diagnósticos y control de terapias respiratorias.
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 1
 1. PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO- ANTONIO RODRIGUEZ JODAR
- 1 AGREEMENT WITH COMPANIES
- INTERNATIONAL PROJECTS: 1
 1. Partners: José Manuel Vaquero Barrios, Cristina Villalba Del Moral. ESTUDIO PROSPECTIVO INTERNACIONAL PARA EVALUAR EL IMPACTO DE LA BIOPSIA LÍQUIDA EN PARTICIPANTES CON UN DIAGNÓSTICO CLÍNICO DE CÁNCER AVANZADO. Ref: (L1ST) MO43989

GA05:

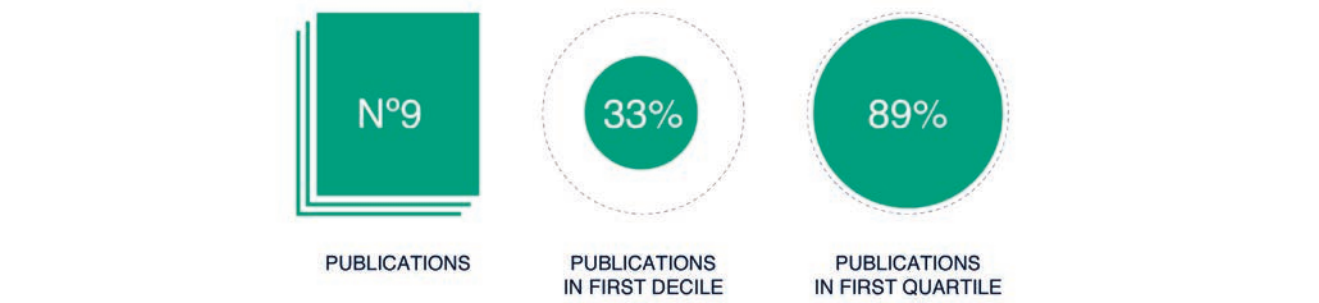
STUDY OF GROWTH. ENDOCRINOLOGY AND CHILD NUTRITION

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
Párraga	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.

Flores-Rojas K, Gil-Campos M, Lacort-Peralta I, Párraga-Quiles MJ, Pastor-Villaescusa B. Donor and newborn profiles and their influence on donation volume and duration: a cross-sectional study in a Spanish human milk bank. Int Breastfeed J. 2024 Aug 5;19(1):55 doi: 10.1186/s13006-024-00661-w.
IF: 2.9 Q1

2.

Domínguez Del Castillo JJ, Merino Cejas CM, Gómez Guzmán E, Frías Pérez MA. Bridge to transplant in single-ventricle anatomy: subpulmonary support with EXCOR ventricular assist device associated with pulmonary artery reconstruction. Eur J Cardiothorac Surg. 2024 May 3;65(5):ezae174. doi: 10.1093/ejcts/ezae174. PMID: 38656949
IF: 3.3 Q1

3.

Rodríguez-Fernandez R, Xu Z, Moreno-Galdó A, Sardón O, Rubi T, Castillo-Corullón S, Torres A, Corcuera P, Callejón Callejón A, Perez G, Cortell I, Rovira-Amigo S, Pastor-Vivero MD, Mondejar-Lopez P, Perez-Frias J, Velasco V, Torres-Borrego J, Figuerola J, de la Serna Blázquez O, Garcia-Hernandez G, Tang L, Mejias A, Ramilo O; SAREPREM 3235 investigators. Longitudinal transcriptional immune profiles and persistent wheezing in moderate-to-late preterm infants. Pediatr Allergy Immunol. 2024 Oct;35(10):e14261. doi: 10.1111/pai.14261.
IF: 4.3 Q1 D1

4.

Ramírez Calazans A, Ibarra Rodríguez MR, Wiesner Torres SR, Garrido Pérez JI, Vázquez Rueda F, Paredes Esteban RM. Comparing two vascular division techniques in laparoscopic varicocelectomy. A prospective study. Cir Pediatr. 2024 Apr 1;37(2):75-78. English, Spanish. doi: 10.54847/cp.2024.02.16.

5.

Olid-Cárdenas MJ, Lendínez-Jurado A, Monroy-Rodríguez G, Gómez-Perea A, Cano-Ortiz A, Ariza-Jiménez AB, García-Ruiz A, Jiménez-Cuenca P, Picón-César MJ, Leiva-Gea I. Real-World Use of Hybrid Closed-Loop Systems during Diabetes Camp: A Preliminary Study for Secure Configuration Strategies in Children and Adolescents. Nutrients. 2024 Jul 10;16(14):2210. doi: 10.3390/nu16142210.
IF: 4.8 Q1

» **ACTIVITY:**

- N° ONGOING PROJECTS: 2
- N° CLINICAL TRIALS: 9

» **ADDITIONAL INFORMATION:**

- NETWORKS: 2
 1. CIBERobn: CIBER on Obesity and Nutrition
 2. PAIDI CTS-329
- 1 AGREEMENT WITH COMPANIES

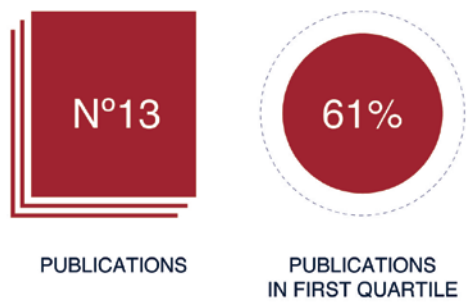
GA08
RADIOLOGY

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	
Espejo	Herrero	Juan José	R3	
Espejo	Pérez	Simona	R3	
Ramos	Gómez	Manuel	R3	
Raya	Povedano	José	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	
Fernández	López	Isabel María	R2	
Fernández	Ruiz	Benito	R2	
Fernández	Valverde	Francisco	R2	
García	Jurado	Pedro Blas	R2	
García	Ortega	Mª José	R2	
Gordillo	Arnau	José Enrique	R2	
Jiménez	Gómez	Elvira	R2	
Lombardo	Galera	Mª Sagrario	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	
Romero	Martín	Sara	R2	
Rudski	Ricondo	Luciana	R2	
Sanabria	Gay	Ana Belén	R2	
Segui	Azpilicueta	Pedro	R2	
Tienda	Flores	Mª 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. Pulido-Carmona C, Romero-Martín S, Raya-Povedano JL, Cara-García M, Font-Ugalde P, Elías-Cabot E, Pedrosa-Garriguet M, Álvarez-Benito M. Interval cancer in the Córdoba Breast Tomosynthesis Screening Trial (CBTST): comparison of digital breast tomosynthesis plus digital mammography to digital mammography alone. Eur Radiol. 2024 Aug;34(8):5427-5438. doi: 10.1007/s00330-023-10546-x. Epub 2024 Jan 4. PMID: 38177619; PMCID: PMC11255077.
IF: 4,7; Q1
2. Elías-Cabot E, Romero-Martín S, Raya-Povedano JL, Brehl AK, Álvarez-Benito M. Im-pact of real-life use of artificial intelligence as support for human reading in a popula-tion-based breast cancer screening program with mammography and tomosynthesis. Eur Radiol. 2024 Jun;34(6):3958-3966. doi: 10.1007/s00330-023-10426-4. Epub 2023 Nov 17. PMID: 37975920; PMCID: PMC11166767.
IF: 4,7; Q1
3. García Jurado PB, Espejo Herrero JJ, Lombardo Galera MS, Pérez Montilla ME, Barranco Acosta S, García-Revilla J, Font Ugalde P, Álvarez Benito M. Current Status of the clinical role in Spanish interventional radiology: An online survey among the Spanish Society of Vascular and Interventional Radiology (SERVEI) members. Eur J Radiol. 2024 Dec;181:111829. doi: 10.1016/j.ejrad.2024.111829. Epub 2024 Nov 8. PMID: 39536480.
IF: 3,2; Q1
4. Hermán-Sánchez N, G-García ME, Jiménez-Vacas JM, Yubero-Serrano EM, López-Sánchez LM, Romero-Martín S, Raya-Povedano JL, Álvarez-Benito M, Castaño JP, Luque RM, Gahete MD. The splicing machinery is dysregulated and represents a therapeutic vulnerability in breast cancer. Cell Mol Life Sci. 2024 Dec 27;82(1):18. doi: 10.1007/s00018-024-05515-6. PMID: 39725737; PMCID: PMC11671448.
IF: 6,2; Q1
5. Boubnovski Martell M, Linton-Reid K, Hindocha S, Chen M, Moreno P, Álvarez-Benito M, Salvatierra Á, Lee R, Posma JM, Calzado MA, Aboagye EO. Deep representation learning of tissue metabolome and computed tomography annotates NSCLC classification and prognosis. NPJ Precis Oncol. 2024 Feb 3;8(1):28. doi: 10.1038/s41698-024-00502-3. PMID: 38310164; PMCID: PMC10838282.
IF: 6,8; Q1

» **CLINICAL GUIDES:**

1. Luciana Rudski Ricondo, Francisco Serrano, Daniel Jose López Ruiz; Proceso lesiones quísticas pancreáticas; 09/08/2024
2. Ángel Rebollo, Daniel José López Ruiz; Incidenalomas Suprarrenales; 14/11/2024
3. Guía de consenso manejo radiológico de los incidentalomas suprarrenales. Ugc endocrinología. Ugc radiodiagnóstico. Ugc cirugía. Ugc medicina interna. Alcance provincial. Diciembre 2024
4. Daniel Jose López Ruiz et all. Indicaciones De Los Estudios Digestivos Contrastados. 2024
5. Daniel José Lopez Ruiz et all. Informe de seguimiento implantación de la rm para planificación en RT. 2024
6. Daniel José Lopez Ruiz et all. Proceso Cáncer De Próstata 2024. 2024.
7. Seguimiento por imagen de las lesiones quísticas pancreáticas. Documento de consenso UGC Digestivo, Radiodiagnóstico, Cirugía. 2024.
8. Alejandro Escudero Contreras, Alberto Benito Ysamat. Acuerdo Objetivo Específfico 3-2-8 E-1. “Control de las Solicitudes de Pruebas Diagnósticas”. Realización de al menos un protocolo en un contexto clínico para abordar con la UGC de Radiodiagnóstico. 2024.

9. Manuel José Ramos Gómez. Protocolo de estudio radiológico en enfermedades neurodegenerativas. 2024.
10. Juan Solivera Vela, Manuel José Ramos Gómez. Protocolo de seguimiento Radiológico de Schwnomas Vestibulares. 2024.
11. Alberto Benito Ysamat, Victor Carmona Tamajón. Protocolo de Indicaciones de Pruebas de Imagen en Columna. 17/12/2024.
12. Alberto Benito Ysamat, Miguel Gimenez Alcántara. Protocolo Hombro Atraumático. Sospecha lesión manguito. 4/12/2024.
13. Elisa Roldán Romero, Juan Solivera Vela. Acuerdo de seguimiento mediante pruebas de imagen de pacientes diagnosticados de meningiomas y con estabilidad clínica. 2024.
14. Francisco Manuel Fernández Valverde, Juana María Vidal Miñano. Acuerdo para el diagnóstico, tratamiento y seguimiento de la hidrocefalia crónica del adulto. 2024.
15. Juan Solivera Vela, Manuel José Ramos Gómez. Protocolo de seguimiento radiológico de quistes aracnoideos intracraneales en adultos. Septiembre 2024.
16. Juan Solivera Vela, Manuel José Ramos Gómez. Protocolo de seguimiento radiológico quistes pineales en adultos. Septiembre 2024.

» **ACTIVITY:**

- N° CLINICAL TRIALS: 8

» **ADDITIONAL INFORMATION:**

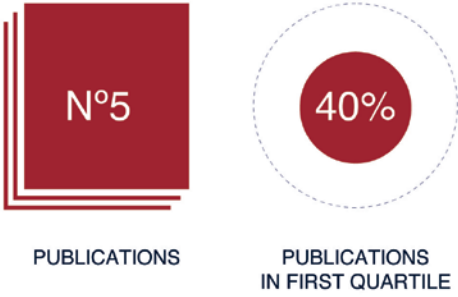
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 1
 1. INVEST_SAE22_037 - Programa Investigo SAE 2022 - Julia Gallego Casanueva - CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO – Junta de Andalucía - 07/02/2023 a 30/06/2024
- 5 AGREEMENTS WITH COMPANIES
- INTERNATIONAL PROJECTS: 1
 1. MARINA ALVAREZ 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

SCIENTIFIC PROGRAM 5: CHRONIC AND INFLAMMATORY DISEASES

» TEAM

FAMILY NAME		FIRST NAME	EURAXESS CATEGORY	ORCID
Muñoz	Carvajal	Ignacio	R4	0000-0003-3843-8609
Blázquez	Ruiz	Mª del Valle	R3	
Casares	Mediavilla	Jaime Guillermo	R3	
Chacón	Quevedo	Antonio	R3	
de la Fuente	Martos	Carmen	R3	
Elias	Fuentes	Agustín	R3	
Hervas	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	
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:

- Cabezón-Villalba G, Barge-Caballero E, González-Vilchez F, Castel-Lavilla MA, Gómez-Bueno M, Almenar-Bonet L, González-Costello J, Lambert-Rodríguez J, Martínez-Sellés M, de la Fuente-Galán L, Mirabet-Pérez S, Carmena MDGC, Hervás-Sotomayor D, Rangel-Sousa D, Blasco-Peiró T, Garrido-Bravo IP, Juan-Aracil GR, Muñiz J, Crespo-Leiro MG. Use of a surgically implanted, nondischageable, extracorporeal continuous flow circulatory support system as a bridge to heart transplant. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 39-49. DOI: 10.1016/j.rec.2023.05.002.
IF: 7,2 Q1 D2
- del Castillo JJD, Cejas CMM, Guzmán EG, Pérez MAF. Bridge to transplant in single-ventricle anatomy: subpulmonary support with EXCOR ventricular assist device associated with pulmonary artery reconstruction. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY. 2024. DOI: 10.1093/ejcts/ezae174.
IF: 3,1 Q1 D2
- García-Martín A, Prados ME, Lastres-Cubillo I, Ponce-Díaz FJ, Cerero L, Garrido-Rodríguez M, Navarrete C, Pineda R, Rodríguez AB, Muñoz I, Moya J, Medeot A, Moreno JA, Chacón A, García-Revilla J, Muñoz E. Etrinabdone (VCE-004.8), a B55a activator, promotes angiogenesis and arteriogenesis in critical limb ischemia. JOURNAL OF TRANSLATIONAL MEDICINE. 2024. DOI: 10.1186/s12967-024-05748-w.
IF: 6,1 Q2
- Alvarez-Heredia P, Reina-Alfonso I, Domínguez-del-Castillo JJ, Hassouneh F, Gutiérrez-González C, Batista-Duharte A, Pérez AB, Sarramea F, Jaén-Moreno MJ, Camacho-Rodríguez C, Tarazona R, Solana R, Molina J, Pera A. Spanish HCMV Seroprevalence in the 21st Century. VIRUSES-BASEL. 2024. DOI: 10.3390/v16010006.
IF: 3,8 Q2
- Gonzalez LP, Ruiz-Ortiz M, Delgado M, Rodriguez S, Villalba R, Merino C, Casares J, Mesa D, de Lezo JS, Pan MN. Ross procedure: valve function, clinical outcomes and predictors after 25 years' follow-up. CURRENT PROBLEMS IN CARDIOLOGY. 2024. -. DOI: 10.1016/j.cpcardiol.2024.102410.
IF: 3 Q2

» ACTIVITY:

- Nº ONGOING PROJECTS: 2
- Nº GRANTED PROJECTS IN 2024: 1
- Nº CLINICAL TRIALS: 2

» ADDITIONAL INFORMATION:

- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 1
 - PROGRAMA INVESTIGO 2022-1. Funding Agency: 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
Moreno	Ortega	Estefanía	R3	
Albalá	González	Maria Dolores	R2	
Benítez	Velasco	Ana	R1	
Maza	Muret	Francisco Roberto	R1	
Guiote	Moreno	María Victoria	R1	
Rodríguez	Cáceres	Ester	R1	
Zurera	Pareja	Rocío	R1	
Vallejo	Lesmes	Ana	R1	
Labraca	García	Juan	R1	
López	Cano	Álvaro	R1	
Tercero	Garrido	Desirée	R1	
Tejerina	Tejerina	Sergio	R1	
Martín	Ruiz	Antonio	T	
Gómez	Jurado	Carlos	T	
Moriana	Porras	María del Carmen	T	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

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

» HIGHLIGHTED PUBLICATIONS:

- García-Figueiras R, Baleato-González S, Luna A, Padhani AR, Vilanova JC, Carballo-Castro AM, Oleaga-Zufiria L, Vallejo-Casas JA, Marhuenda A, Gómez-Caamaño A, How Imaging Advances Are Defining the Future of Precision Radiation Therapy; RADIOGRAPHICS; 2024; e230152; DOI: 10.1148/rg.230152
IF:5,2 Q1 D1
- Benitez-Velasco A, Alzas-Teomiro C, Gómez CZ, Jiménez CM, Aguilera JL, Crespín M, Vallejo-Casas JA, Gálvez-Moreno MA, Puerta MJM, Herrera-Martínez AD, Differences in the Evaluation of Malnutrition and Body Composition Using Bioelectrical Impedance Analysis, Nutritional Ultrasound, and Dual-Energy X-ray Absorptiometry in Patients with Heart Failure; NUTRIENTS; 2024; 1535; DOI: 10.3390/nu16101535
IF:4,8 Q1 D2
- Puente J, Arrea FA, Rueda OB, Gauna DC, Durán I, Avila JJF, Gómez-Iturriaga A, Blázquez MJP, Fentes DP, Pardo GS, Casas JAV, Gratal P, Pardo MT, Porta VG, Criteria and indicators to evaluate quality of care in genitourinary tumour boards; CLINICAL & TRANSLATIONAL ONCOLOGY; 2024; 1639-1646; DOI: 10.1007/s12094-024-03381-z
IF:2,8 Q2 D5

» ACTIVITY:

- Nº CLINICAL TRIALS: 2

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
Gutiérrez	Peña	Pedro Antonio	R4	
Fernández	Caballero	Juan Carlos	R3	
Rodero	Cosano	Mª Luisa	R3	
Salinas	Pérez	José Alberto	R3	
Sánchez	Monedero	Javier	R3	
Torres	Jiménez	Mercedes	R3	
Guijo	Rubio	David	R2	
Durán	Rosal	Antonio M	R2	
Vargas	Yun	Victor	R2	
Ayllón	Gavilán	Rafael	R1	
Bérchez	Moreno	Francisco	R1	
Gómez	Orellana	Antonio	R1	

» 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. F. Bérchez-Moreno, J.C. Fernández, C. Hervás-Martínez y P.A. Gutiérrez. “Fusion of standard and ordinal dropout techniques to regularise deep models”; Information Fusion; 2024.
IF: 14.7 Q1 D1
2. R. Rosati, L. Romeo, V.M. Vargas, P.A. Gutiérrez, E. Frontoni y C. Hervás-Martínez. “Learning Ordinal–Hierarchical Constraints for Deep Learning Classifiers”; IEEE Transactions on Neural Networks and Learning Systems; 2024; pp. 1-14.
IF: 10.2 Q1 D1
3. M. Rodríguez-Perálvez, G. de la Rosa, A.M. Gómez-Orellana, V.A. Sancho, T. Pascual-Vicente, S. Pereira, M.L. Ortiz, G. Pagano, F. Suárez, R. González-Grande, A. Cachero, S. Tomé, M.B. Valbuena, R. Martín-Mateos, S. Pascual, M.R. Cristóbal, I. Bilbao, C.A. Martín, E. Oton, M.L. Dieguez, M.D. Aguilar, A. Arias, G. Blanco, S.L. Perez, A. Cuadrado, A.R. García, C.S. Cano, C.C. Franco, J.A. Pons, J. Colmenero, D. Guijo-Rubio, A.O. Ferreiro, N.H. Aretxabaleta, S.R. Moreno, M.R. Soler, C. Hervás-Martínez y M. Gastaca. “GEMA-Na and MELD 3.0 severity scores to address sex disparities for accessing liver transplantation: a nationwide retrospective cohort study”; eClinicalMedicine; 2024; pp. 102737.
IF: 9.6 Q1 D1

4. A.M. Gómez-Orellana, D. Guijo-Rubio, P.A. Gutiérrez, C. Hervás-Martínez y V.M. Vargas. “ORFEO: Ordinal classifier and Regressor Fusion for Estimating an Ordinal categorical target”; Engineering Applications of Artificial Intelligence; 2024; pp. 108462.
IF: 7.5 Q1 D1
5. V.M. Vargas, A.M. Gómez-Orellana, P.A. Gutiérrez, C. Hervás-Martínez y D. Guijo-Rubio. “EBANO: A novel Ensemble BAseD on uNimodal Ordinal classifiers for the prediction of significant wave height”; Knowledge-Based Systems; 2024; pp. 112223.
IF: 7.2 Q1 D2

» ACTIVITY:

- N° ONGOING PROJECTS: 2
- N° GRANTED PROJECTS IN 2024: 1
- N° PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 1
 1. PAIDI TIC-148
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 5
 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.
 5. PROGRAMA INVESTIGO 2022. Funding Agency: Consejería de Empleo, Empresa y Trabajo Autónomo. FRANCISCO BÉRCHÉZ MORENO
- AWARDS: 1
 1. Víctor Manuel Vargas Yun; PREMIO EXTRAORDINARIO DE DOCTORADO; UNIVERSIDAD DE CÓRDOBA

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	R3	0000-0002-0864-6856
Barranco	Quintana	José Luis	R3	
Farouk	Allam	Mohamed	R3	
Onieva	García	María de los Ángeles	R2	
Fernández	Antolí	María Pilar	R1	
González	Morales	Laura	R1	
Guillén	Climent	Silvia	R1	
López	Cabrera	Estefanía	R1	
López	Moyano	Juan José	R1	
Lorusso		Nicola	R1	
Montserrat	Villatoro	Jaime	R1	
Montalvo	Pérez	Julia	R1	
Moñiz	Díez	Ana María	R1	
Ortiz	González-Serna	Rocío	R1	
Ropero	Guerrero	Gregoria	R1	
Rubio	Osuna	Francisco	R1	
Ruiz	Montero	Rafael	R1	
Serrano	Ortiz	Álvaro	R1	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

Public Health	Vaccine uptake
Healthcare associated infections	Adherence
Vaccination	Environmental Biosafety

» HIGHLIGHTED PUBLICATIONS:

- Serrano-Ortiz A, Romero-Cabrera JL, Villatoro JM, Cordero-Ramos J, Ruiz-Montero R, Ritoré A, Dopazo J, Salas JD, Sánchez VG, Salcedo-Leal I, de la Hoz MAA, Túnez I, Guzmán MA. Assessing COVID-19 Vaccine Effectiveness and Risk Factors for Severe Outcomes through Machine Learning Techniques: A Real-World Data Study in Andalusia, Spain. JOURNAL OF EPIDEMIOLOGY AND GLOBAL HEALTH. 2024. 1504-1517. DOI: 10.1007/s44197-024-00298-2. IF: 3,8 Q1 D2
- López-Viñau T, Muñoz-Rosa M, Ruiz-Lara LM, García-Martínez L, Machuca I, Gracia-Ahufinger I, Montero RR, Castón JJ, Cano A, Ruiz-Arabi E, del Prado JR, Salcedo I, Martínez-Martínez L, Torre-Cisneros J. Long-Term Clinical and Ecological Impact of an Antimicrobial Stewardship Program on the Incidence of Carbapenem-Resistant Klebsiella pneumoniae Infections in a High-Endemic Hospital. ANTIBIOTICS-BASEL. 2024. -. DOI: 10.3390/antibiotics13090792. IF: 4,3 Q1 D2

- Rivera-Izquierdo M, Morales-Portillo A, de Alba IGF, Fernandez-Martinez NF, Schoenenberger-Arnaiz JA, Barranco-Quintana JL, Valero-Ubierna C. Vaccination strategies for patients under monoclonal antibody and other biological treatments: an updated comprehensive review based on EMA authorisations to January 2024. EXPERT REVIEW OF VACCINES. 2024. 887-910. DOI: 10.1080/14760584.2024.2401839. IF: 5,5 Q1 D3
- Parra LM, Cantero M, Ortí-Lucas RM, Salcedo-Leal I, Asensio A. Evaluation of infection prevention and control programmes according to the European Centre for Disease Prevention and Control and the World Health Organization in Spain 2012-2022: indicators of core component 1. JOURNAL OF HOSPITAL INFECTION. 2024. 17-24. DOI: 10.1016/j.jhin.2024.02.013. IF: 3,9 Q1 D3
- Elshiwiy K, Amin GEE, Farres MN, Samir R, Allam MF. The role of colchicine in the management of COVID-19: a Meta-analysis. BMC Pulm Med. DOI: 10.1186/s12890-024-03001-0 IF: 2,6 Q2

» ACTIVITY:

- Nº ONGOING PROJECTS: 2
- Nº GRANTED PROJECTS IN 2024: 1
- Nº CLINICAL TRIALS: 2

» ADDITIONAL INFORMATION:

- NETWORKS: 3
 - Sociedad Andaluza de Medicina Preventiva, Salud Pública y Gestión Sanitaria (SAMPSPGS).
 - Consejería de Salud y Familias de la Junta de Andalucía. Dirección General de Salud Pública.
 - Sociedad Española de Medicina Preventiva, Salud Pública y Gestión Sanitaria (SEMPSPGS).
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 1
 - PROGRAMA INVESTIGO 2022-1. Funding Agency: MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL- ANA MARÍA MOÑIZ DIEZ
- 1 AGREEMENT WITH COMPANIES
- INTERNATIONAL PROJECTS: 1
 - MARÍA 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	0000-0001-6592-2231
Montoya	González	María	R4	
Aguilar	Jurado	Carmen	R3	
Argüello	Rodríguez	Héctor	R3	
Zaldívar	López	Sara	R3	
García	García	Tránsito	R2	
Jiménez	Marín	Ángeles	R2	
Suárez	Cárdenas	José Manuel	R1	
Fernández	Rodríguez	Raúl	R1	
Romero	Guillén	Antonio	R1	

» SCIENTIFIC PRODUCTION



» KEYWORDS:

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

» HIGHLIGHTED PUBLICATIONS:

- Casares-Jimenez M, Garcia-Garcia T, Suárez-Cárdenas JM, Perez-Jimenez AB, Martín MA, Caballero-Gómez J, Michán C, Corona-Mata D, Risalde MA, Perez-Valero I, Guerra R, Garcia-Bocanegra I, Rivero A, Rivero-Juarez A, Garrido JJ. Correlation of hepatitis E and rat hepatitis E viruses urban wastewater monitoring and clinical cases. SCIENCE OF THE TOTAL ENVIRONMENT. 2024. -. DOI: 10.1016/j.scitotenv.2023.168203.
IF: 8,2 Q1 D1
- Sanjuán JMO, Manzanilla EG, Cabrera-Rubio R, Crispie F, Cotter PD, Garrido JJ, Ekhlās D, O’Neill L, Argüello H. Fine-tuning of post-weaning pig microbiome structure and functionality by in-feed zinc oxide and antibiotics use. FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY. 2024. -. DOI: 10.3389/fcimb.2024.1354449.
IF: 4,6 Q1 D3
- Sanjuán JMO, Argüello H, Cabrera-Rubio R, Crispie F, Cotter PD, Garrido JJ, Ekhlās D, Burgess CM, Manzanilla EG. Effects of removing in-feed antibiotics and zinc oxide on the taxonomy and functionality of the microbiota in post weaning pigs. ANIMAL MICROBIOME. 2024. -. DOI: 10.1186/s42523-024-00306-7.
IF: 4,9 Q1 D1

- López-Ayllón BD, Marin S, Fernández MF, García-García T, Fernández-Rodríguez R, de Lucas-Rius A, Redondo N, Mendoza-García L, Foguet C, Grigas J, Calvet A, Villalba JM, Gómez MJR, Megías D, Mandracchia B, Luque D, Lozano JJ, Calvo C, Herrán UM, Thomson TM, Garrido JJ, Cascante M, Montoya M. Metabolic and mitochondria alterations induced by SARS-CoV-2 accessory proteins ORF3a, ORF9b, ORF9c and ORF10. JOURNAL OF MEDICAL VIROLOGY. 2024. -. DOI: 10.1002/jmv.29752.
IF: 6,8 Q1 D1
- Barbero-Moyano J, Martínez R, González M, Moreno I, Beato-Beneítez A, Cano-Terriza D, Carretero A, Canales-Merino R, Ferreira-Prado A, Garrido JJ, Risalde MA, García-Bocanegra I. Monitoring of Leishmania infantum in captive non-human primates in Spain. RESEARCH IN VETERINARY SCIENCE. 2024. -. DOI: 10.1016/j.rvsc.2024.105425.
IF: 2,2 Q1 D2

» ACTIVITY:

- Nº ONGOING PROJECTS: 2
- Nº PHD THESES: 3

» ADDITIONAL INFORMATION:

- NETWORKS: 2
 - 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: 2
 - 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
De Haro	Bailón	Antonio	R3 (*)
Moreno	Rojas	Jose Manuel	R3
Obregón	Cano	Sara	R3 (*)
Pereira	Caro	Mª Gema	R3
Hernández	Reyes	Alberto	R2
Moreno	Ortega	Alicia	R2

(*) Till July 2024

» SCIENTIFIC PRODUCTION



» 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:

- Pereira-Caro G, Cáceres-Jiménez S, Moreno-Ortega A, Dobani S, Pourshahidi K, Gill CIR, Mena P, Del Rio D, Moreno-Rojas JM, Taurino G, Bussolati O, Almutairi TM, Crozier A, Bianchi MG. Colon-available mango (poly)phenols exhibit mitigating effects on the intestinal barrier function in human intestinal cell monolayers under inflammatory conditions. FOOD & FUNCTION. 2024. 5118-5131. DOI: 10.1039/d4fo00451e.
IF: 5,1 Q1 D2
- García-Infante M, Moreno-Rojas JM, Ordoñez-Díaz JL, Hervalejo A, Romero-Rodríguez E, Arenas-Arenas FJ. Evaluation of antioxidant properties of thirteen orange genotypes [Citrus sinensis L. Osbeck] with juice industry interest. JOURNAL OF AGRICULTURE AND FOOD RESEARCH. 2024. -. DOI: 10.1016/j.jafr.2024.101491.
IF: 4,8 Q1 D2

- Sánchez-Parra M, Lopez A, Ordóñez-Díaz JL, Rodríguez-Solana R, Montenegro-Gómez JC, Pérez-Aparicio J, Moreno-Rojas JM. Evaluation of Biogenic Amine and Free Fatty Acid Profiles During the Manufacturing Process of Traditional Dry-Cured Tuna. FOOD AND BIOPROCESS TECHNOLOGY. 2024. 452-463. DOI: 10.1007/s11947-023-03134-w.
IF: 5,3 Q1 D2
- Sánchez-Parra M, Pierna JAF, Baeten V, Muñoz-Redondo JM, Ordóñez-Díaz JL, Moreno-Rojas JM. Rapid screening of tuna samples for food safety issues related to histamine content using fourier-transform mid-infrared (FT-MIR) and chemometrics. JOURNAL OF FOOD ENGINEERING. 2024. -. DOI: 10.1016/j.jfoodeng.2024.112129.
IF: 5,3 Q1 D2
- Clifford MN, Ludwig IA, Pereira-Caro G, Zeraik L, Borges G, Almutairi TM, Dobani S, Bresciani L, Mena P, Gill CIR, Crozier A. Exploring and disentangling the production of potentially bioactive phenolic catabolites from dietary (poly)phenols, phenylalanine, tyrosine and catecholamines. REDOX BIOLOGY. 2024. -. DOI: 10.1016/j.redox.2024.103068.
IF: 10,7 Q1 D1

» ACTIVITY:

- Nº ONGOING PROJECTS: 4

» ADDITIONAL INFORMATION:

- NETWORKS: 3
 - Grupo PAIDI AGR-241: Tecnología poscosecha e industria agroalimentaria. Director: José Manuel Moreno Rojas
 - Grupo PAIDI AGR 013. Calidad Alimentaria y Nutrición. Director: Manuel A. Amaro López
 - Grupo AGR 118. Mejora y agronomía plantas oleaginosas. Director: Juan Domínguez Giménez
- 3 AGREEMENTS WITH COMPANIES

SCIENTIFIC PROGRAM 1: ACTIVE AGEING AND FRAILITY

» TEAM

FAMILY NAME	FIRST NAME	EURAXESS CATEGORY	ORCID
Molina	Recio	Guillermo	R3
Martínez	Pérez	Hector	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
Meneses	Monroy	Alfonso	R2
Molina	Luque	Rafael	R2
Romero	Saldaña	Manuel	R2
Vargas	Martínez	Ana Magdalena	R2
Villena	Esponera	Mª Pilar	R2
Aguilera	López	María Dolores	R1
Arias	Latorre	María Teresa	R1
Cuellár	Padilla	Joaquín	R1
González	Caballero	Antonio	R1
López	González	Julio Roberto	R1
Martínez	Sánchez	Iago Rafael	R1
Membrillo	Del Pozo	Alberto	R1
Vega-Leal	Pla	Marta	R1
Zafrilla	Sánchez	Sandra	R1
Álvarez	Moral	José	T
Casares	Rodríguez	Irene	T
González	Illanes	Rosa	T
Vélez	León	Jose Luis	T

» SCIENTIFIC PRODUCTION



PUBLICATIONS



PUBLICATIONS
IN FIRST DECILE



PUBLICATIONS
IN FIRST QUARTILE

» 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:

- Curcio F, Abellán MV, Dioni E, de Lima MM, Zinabi OE, Saldaña MR. Validity and reliability of the italian-Neonatal skin risk assessment scale (i-NSRAS). INTENSIVE AND CRITICAL CARE NURSING. 2024. -. DOI: 10.1016/j.iccn.2023.103561.
IF: 4,9 Q1 D1
- Manuel RS, Paula ST, Isabel AF, Rafael GM, Pablo SM, Antonio RS, Daniel GS, Inmaculada LL. Development and validation of a new satisfaction scale for objective structured clinical assessments (S-OSCA): A multicenter cross-sectional study. NURSE EDUCATION TODAY. 2024. -. DOI: 10.1016/j.nedt.2024.106308.
IF: 3,6 Q1 D1
- Luque-Alcaraz OM, Aparicio-Martínez P, Gomera A, Vaquero-Abellán M. The environmental awareness of nurses as environmentally sustainable health care leaders: a mixed method analysis. BMC NURSING. 2024. -. DOI: 10.1186/s12912-024-01895-z.
IF: 3,1 Q1 D1
- Jurado-Robles I, Jurado-Gámez B, Collado NF, Molina-Luque R, Molina-Recio G. Influence of Comorbidity and Obesity on the Occurrence of Vascular Events in Obstructive Apnoea Treated with CPAP. NUTRIENTS. 2024. -. DOI: 10.3390/nu16183071.
IF: 4,8 Q1 D2
- Cárcamo-Regla R, Zapata-Lamana R, Ochoa-Rosales C, Martorell M, Carrasco-Marín F, Molina-Recio G. Effectiveness of Resistance Training Program on Body Composition in Adults Following Vegan Diet versus Omnivorous Diet; Developed in Mobile Health Modality. NUTRIENTS. 2024. -. DOI: 10.3390/nu16152539.
IF: 4,8 Q1 D2

» ACTIVITY:

- Nº ONGOING PROJECTS: 1
- Nº GRANTED PROJECTS IN 2024: 1
- Nº PHD THESES: 1

» ADDITIONAL INFORMATION:

- NETWORKS: 2
 - Red de Investigación en Enfermería de Salud Ocupacional - “REDENSO”
 - Research groups pertaining to the Andalusian Plan for Research, Development and Innovation (PAIDI):
 - HUM-298
 - AGR-13
 - TEP-226 (PRINIA)
 - TIC-252 (GIIA)
- COMPETITIVE FUNDING OBTAINED FOR CONTRACTS: 1
 - PROGRAMA INVESTIGO 2022. Funding Agency: CONSEJERÍA DE EMPLEO, FORMACION Y TRABAJO AUTÓNOMO- IRENE CASARES RODRIGUEZ

09

PLATFORMS AND NETWORKS

Of the 49 groups integrated within the IMIBIC, sixteen are involved in 17 different RETICs, eighteen are involved in 8 CIBERs and there are 34 groups involved in the Andalusian Plan for Research, Development & Innovation (PAIDI Programme).

CIBER	
-------	--



ciberobn
Centro de Investigación Biomédica en Red
Fisiopatología de la Obesidad y Nutrición

ciberehd
Centro de Investigación Biomédica en Red
Enfermedades Hepáticas y Digestivas

ciberfes
Centro de Investigación Biomédica en Red
Fragilidad y Envejecimiento Saludable

ciberer
Centro de Investigación Biomédica en Red
Enfermedades Raras

ciberonc
Centro de Investigación Biomédica en Red
Cáncer

cibersam **isciii**

cibercv
Centro de Investigación Biomédica en Red
Enfermedades Cardiovasculares

ciberinfec

	RETICS	
--	--------	--

OTHERS

- itemas isciiii
- SCRen Spanish Clinical Research Network ISCIII
- eatris
- ECRIN EUROPEAN CLINICAL RESEARCH INFRASTRUCTURE NETWORK
- EuroPMP
- RISA Red de Investigación en Sanidad Animal
- VASC AGE NET
- TRANSBIONET^{*} Translational Bioinformatics Network
- Sociedad Española de Neumología y Cirugía Torácica SEPAR
- SECT SOCIEDAD ESPAÑOLA DE CIRUGÍA TORÁCICA
- getba Grupo de Estudio del Trastorno Bipolar en Andalucía
- sampspgs
- Sociedad Española Medicina Preventiva, Salud Pública y Gestión Sanitaria
- Cera edta CLIMATE EUROPEAN NEUROLOGY
- Pertinent Surface Oncology PSOSGI Group International
- SEProt Sociedad Española de Proteómica
- GETECCU GRUPO ESPAÑOL DE TRABAJO EN ENFERMEDAD DE CROHN Y COLITIS ULCEROSA
- COMBACTE NET
- COMBACTE CARE
- APSI ACTION
- GEicam investigación en cáncer de mama
- TTD Grupo de Tratamiento de los Tumores Digestivos
- HASTE
- GEICO Grupo Español de Investigación en Cáncer de Ovario
- gecp lung cancer research
- GEIS GRUPO ESPAÑOL DE INVESTIGACIÓN EN SARCOMAS
- SOGUG INVESTIGAR · APRENDER · DIVULGAR · CUIDAR
- GETNÉ Grupo Español de Tumores Neuroendocrinos y Endocrinos
- ENETS EUROPEAN NEUROENDOCRINE TUMOR SOCIETY
- European Society of Endocrinology The voice for endocrinology
- METAnetwork
- SEMI SOCIEDAD ESPAÑOLA DE MEDICINA INTERNA
- sea Sociedad Española de Arteriosclerosis
- RARE CANCERS GENOMICS
- SEEN Sociedad Española de Endocrinología y Nutrición
- saedyn Sociedad Andaluza de Endocrinología, Diabetes y Nutrición
- cOST EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY
- EUtox
- GESMD GRUPO ESPAÑOL DE SÍNDROMES MIELODISPLÁSICOS
- Cochrane Skin
- aeeer Asociación Española de Endoscopia Respiratoria y Neumología Intervencionista
- ERS EUROPEAN RESPIRATORY SOCIETY every breath counts
- SES Sociedad Española de Sueño
- ENZOEEM UNIDAD DE INVESTIGACIÓN COMPETITIVA DE ZOONOSIS Y ENFERMEDADES EMERGENTES
- 203 SENESCENCE
- ENEAA European NeuroEndocrine Association
- EACR European Association for Cancer Research
- ASGCT American Society of Gene + Cell Therapy
- eau European Association of Urology
- aseica
- ceia3 tiempo de incidencia internacional
- ENDOCRINE SOCIETY
- ASTUCE SPAIN
- GEINO GRUPO ESPAÑOL DE INVESTIGACIÓN EN NEUROONCOLOGÍA
- Cochrane Methods Bias
- AEDV ACADEMIA ESPAÑOLA DE DERMATOLOGÍA Y VENEREOLOGÍA
- NATIONAL PSORIASIS FOUNDATION
- acción PSORIASIS
- EACH European Association for Communication in Healthcare

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. Guillermo Molina Recio
AGR-231	Dr. Juan José Garrido Pavón
AGR-241	Dr. Rafael Moreno Rojas
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	Dr. Rafael Rodríguez Ariza
BIO-304	Dr. Eduardo Muñoz Blanco
BIO-304	Dr. Paula María Moreno Casado
BIO-310	Dr. Manuel Tena Sempere
CTS-550	Dr. Fernando Sarramea Crespo
CTS-1004	Dr. Rosario López Pedrera
CTS-1041	Dr. Juan Alberto Ruano Ruiz
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. Eduardo Agüera Morales
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
CTS-992	Dr. Bernabé Jurado Gámez
FQM-227	Dr. Feliciano Priego Capote
HUM-414	Dr. Bárbara Luque Salas
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

OTHER

IMIBIC is a member of the following national and international networks, platforms and infrastructures:

- ITEMAS ISCIII: Medical Technology Innovation Platform
- SCReN: Clinical Research and Clinical Trials Unit Platform
- EATRIS: European Infrastructure for Translational Medicine Platform
- ECRIN: European Clinical Research Infrastructure Network
- EUROPMP: European network on Pseudomyxoma Peritonei
- VascAgeNet: Network For Research In Vascular Ageing
- TRANSBIONET: Spanish Bioinformatics Network for Clinical Research
- RISA: Animal Health Research Network
- SEPAR: Spanish Society of Pneumology and Thoracic Surgery
- NEUMOSUR: Southern Association for Pulmonology and Thoracic Surgery
- SECT: Spanish Society of Thoracic Surgery
- GETBA: Group for the Study of Bipolar Disorder in Andalusia
- SAMPSP: Andalusian Society of Preventive Medicine and Public Health
- SEMPSPH: Spanish Society of Preventive Medicine and Public Health and Hygiene
- ERA-EDTA: Immunonephrology Working Group. European Renal Association – European Dialysis and Transplant Association
- PSOGI: The Peritoneal Surface Oncology Group International (Lap-CRS+HIPEC registry)
- SEProt: Spanish Society of Proteomics
- GETECCU: Spanish Working Group On Crohn’s Disease And Ulcerative Colitis
- COMBACTE-NET: Combatting Bacterial Resistance in Europe – networks
- COMBACTE-CARE: Combatting Bacterial Resistance in Europe – carbapenem-resistance
- APS ACTION. Anti-Phospholipid Syndrome Alliance For Clinical Trials and International Networking
- GEICAM: Spanish Breast Cancer Research Group
- TTD: Digestive Tumour Treatment Group
- GEICO: Spanish Research Group on Ovarian Cancer
- GECP: Spanish Lung Cancer Group
- GEIS: Spanish Sarcoma Research Group
- SOGUG: Spanish Oncology Genito-Urinary Group
- GETNE: Spanish Group of Neuroendocrine and Endocrine Tumours
- ENETS: European Neuroendocrine Tumor Society
- ESE: European Society of Endocrinology: Pituitary and Neuroendocrinology Focus Area
- IARC, WHO: Rare Cancer Genomics
- SEEN: Spanish Society of Endocrinology and Nutrition: Knowledge of Neuroendocrinology Area
- SAEDYN: Andalusian Society of Endocrinology, Diabetes and Nutrition: Knowledge of Neuroendocrinology Area
- NutriEpiGen: Precision Nutrition and Physical Exercise as Modulators of the Epigenome in Diet-related Pathologies
- COST Action: European Cooperation in Science and Technology
- EUTOX: European Uremic Toxin
- GESMD: Spanish Group of Myelodysplastic Syndromes
- COCHRANE Skin group

10

TRAINING

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:

- Juan Manuel Castellano Rodríguez, PhD (until June 2024).
- María Encarnación Rodríguez Ortiz, PhD (from June 2024).

» 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:

- Marco A. Calzado Canale, PhD (until February 2024).
- Manuel D. Gahete Ortiz, PhD (from February 2024).

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 2024. 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 2024, a total of 5 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 2024, a total of 2 intramural seminars were held.

10.3 INSTITUTIONAL EVENTS

15TH 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.

The 15th Meeting was held in the IMIBIC building on 14-15 October 2024. The programme included sessions representative of IMIBIC Scientific Programmes, as follows:



15th IMIBIC YOUNG INVESTIGATORS MEETING

PROGRAMME

Day 1 (14th OCT)

08:00 – 08:30

Registration and Poster display

08:30 – 09:00

**Opening ceremony
(IMIBIC Assembly Hall)**

09:00 – 10:15

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

**Chairs: Dr. Miguel Ruiz Cruz and
Dr. Pedro Gómez Arias**

➤ **Ia. 09:00– 09:15**

Defining the clinical value of circulating splicing factors in prostate cancer: SRRM1 as a novel predictive biomarker and exploitable therapeutic target. **Antonio Prats Escribano**

➤ **Ib. 09:15 –09:30**

Shedding light on heterogeneity in small intestine neuroendocrine neoplasms: comprehensive characterization of the spliceosomic landscape in siNENs. **Victor García Vioque**

➤ **Ic. 09:30 – 09:45**

Unleashing the Diagnostic, Prognostic and Therapeutic Potential of the somatostatin/cortistatin system in Glioblastomas. **Ana S. De la Rosa-Herencia**

➤ **Id. 09:45 – 10:00**

Lack of PRDX6 alters lipid composition and traffic in hepatocarcinoma SNU475 cells and sensitizes to ferroptosis. **Ángel Ortiz Alcántara**

➤ **Ie. 10:00 – 10:15**

Biliary brush cytology by ERCP for malignancy diagnosis, tertiary center experience from 2016-2022. **Paloma Alañón Martínez**

10:15 – 11:15

Coffee Break

11:15 – 12:30

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

**Chairs: Dr. M^a Belén Pastor
Villaescusa and Dr. Hatim
Boughanem**

➤ **IIa. 11:15– 11:30**

High levels of FGF23 cause hypertension: Clinical and Experimental Studies. **Raquel María García Sáez**

➤ **IIb. 11:30 –11:45**

Clinical Effectiveness and Molecular Cardiovascular Effects of Baricitinib in Biologic-Naïve Rheumatoid Arthritis Patients: A Comparative Study with TNF Inhibitors and Traditional DMARDs. **Laura Muñoz Barrera**

➤ **IIc. 11:45 – 12:00**

Clustering Algorithm as an Exploratory Analysis of Different Clinical Phenotypes in Systemic Sclerosis. Data from the PRECISESADS Study. **Andrea Cid Chaves**

➤ **IId. 12:00 – 12:15**

The lipidomic and proteomic profiles in Antiphospholipid Syndrome patients are intricately linked to disease pathogenesis and modulated by Ubiquinol supplementation. **Beatriz Vellón García**

➤ **IIe. 12:15 – 12:30**

Ceftriaxone Administration Reduces Vascular Calcification Associated with an Experimental Model of Chronic Kidney Disease. **Teresa Obrero Sojo**



12:30 – 13:30

**Special Session &
Awards - Fundación Biomol
(IMIBIC Assembly Hall)**

Rafael Estévez, (BIOMOL Chief Executive Officer); Victoria García (BIOMOL Key Account Manager) and María Barrero (BIOMOL Marketing)

13:30 – 15:00

Lunch

15:00 – 15:45

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

**Chairs: Dr. Fernando Leiva Cepas
and Dr. Alexander Batista Duharte**

15:45 – 17:00

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

**Chairs: Dr. Cristian Rodelo Haad
and Dr. Rafael González
Manzanares**

➤ **IIIa. 15:45 – 16:00**

Cannabidiol induces apoptosis of hepatic stellate cells and alleviates liver inflammation and fibrosis in a murine model of androgenic obesity. **Francisco José Ponce Díaz**

➤ **IIIb. 16:00 –16:15**

Metabolic and transcriptomic insights into obesity-induced hypogonadism: Unveiling the role of Kiss1 neurons. **Manuel Jiménez Puyer**

➤ **IIIc. 16:15 – 16:30**

Relationship between Liver Fibrosis Degree and the Incidence of Cardiovascular Events in Secondary Prevention Patients. CORDIOPREV Study. **Esperanza Sastre Menor**

➤ **IIId. 16:30 – 16:45**

Lifestyle habits according to the chronotype among a vulnerable population at risk of food insecurity. **Alejandro Serrán Jiménez**

17:00 – 17:30

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

17:30 – 18:45

**Session IV Multidisciplinary
(IMIBIC Assembly Hall)**

**Chairs: Dr. Alejandro Ibáñez
Costa and Dr. Álvaro Arjona
Sánchez**

➤ **IVa. 17:30 – 17:45**

Short term outcomes of a Patient-tailored Residual Cardiovascular Risk Reduction Program for Post-Acute Coronary Syndrome Patients. **Javier Herrera Flores**

➤ **IVb. 17:45 –18:00**

Defining Early and Established Rheumatoid Arthritis Through Multi-Omic Profiling: Links to Disease Status and Treatment Response. **Ismael Sánchez Pareja**

➤ **IVc. 18:00 – 18:15**

Exploring the role of the metabolic factor LEAP-2 on puberty onset. **Carmen Torres Granados**

➤ **IVd. 18:15 – 18:30**

The relevance of the Nonsense-Mediated Decay and RNA-Exosome cellular machineries in the pathophysiology of pituitary tumours. **Miguel Eduardo García García**

➤ **IVe. 18:30 – 18:45**

BIORICA10- A longitudinal metabolic study in young adult with extrauterine growth restriction. **Laura Palomino Fernández**



IMIBIC



UNIVERSIDAD DE CORDOBA



UNIVERSIDAD DE CORDOBA





Day 2 (15th OCT)

08:00 – 08:30

Registration and Poster display

08:30 – 09:45

Session V. Cancer II
(IMIBIC Assembly Hall)

Chairs: Dr. Lucía Beltrán Camacho and Dr. M^a Ángeles Puche Larrubia

→ **Va. 08:30 – 08:45**

Targeting metabolism overcomes immune evasion and improves immunotherapy efficacy in GSNOR-deficient colorectal cancer tumors. **María Teresa Sánchez Montero**

→ **Vb. 08:45 – 09:00**

Exploring the role of NOP10 in pancreatic ductal adenocarcinoma: Implications for telomere stability and tumor progression. **María Trinidad Moreno Montilla**

→ **Vc. 09:00 – 09:15**

Pathophysiological dysregulation of the inflammasome machinery in glioblastoma. **Ignacio Gil Duque**

→ **Vd. 09:15 – 09:30**

NK cell profiling predicts cetuximab efficacy in metastatic colorectal cancer and highlights TIGIT as a potential therapeutic target. **Carmen Navarrete Sirvent**

→ **Ve. 09:30 – 09:45**

SMG7 as a potential driver of chronic liver disease progression to HCC. **Betsaida Ojeda Pérez**

09:45 – 10:30

Coffee Break

10:30 – 11:15

Poster Session II (IMIBIC Meeting & Multipurpose Room)

Chairs: Dr. Iván Arias de la Rosa and Dr. Silvia Fernández Álvarez

11:15 – 12:30

Session VI. Infectious and immunological diseases. Organ transplantation
(IMIBIC Assembly Hall)

Chairs: Dr. Juan Antonio Moreno Gutiérrez and Dr. Henning Kirst

→ **VIa. 11:15 – 11:30**

The role of central pulmonary venous gas measurement in extending donor lungs criteria for transplantation: a multicenter analysis of the European Society of Thoracic Surgeons (ESTS) lung transplant working group. **Benito Cantador Huertos**

→ **VIb. 11:30 – 11:45**

Metabolic Reprogramming Induced by SARS-CoV-2 Accessory Proteins in Lung Epithelial Cells. **Raúl Fernández Rodríguez**

→ **VIc. 11:45 – 12:00**

Refining the QuantiFERON-CMV cut-off: the Quanti-CMV study enhances CMV non-replication prediction in kidney and lung transplant recipients. **Elisa Ruiz Arabi**

→ **VIId. 12:00 – 12:15**

Analysis of surgical indication and time to surgery in infective endocarditis and its relationship with prognosis. **Jorge Perea Armijo**

→ **VIe. 12:15 – 12:30**

Serological and molecular survey of rat hepatitis E virus (Rocahepevirus rattii) in drug users. **María Casares Jiménez**

12:30 – 13:30

Plenary Lecture: “Unlocking cancer's metabolic code: a path toward novel therapeutic windows”. Dr. Patricia Altea Manzano (CABIMER - Andalusian Molecular Biology and Regenerative Medicine Centre).

13:30 – 14:00

Awards and Closing ceremony
(IMIBIC Assembly Hall)



IMIBIC



UNIVERSIDAD DE CÓRDOBA



HURS

This edition consisted of 8 sessions (2 on cancer, 1 on Multidisciplinary, 1 on Nutrition, 1 on Chronic and inflammatory diseases, 1 on Infectious and immunological diseases and 2 poster sessions) and two presentation formats: lectures and poster talks. A total of 114 papers were received and the number of registered attendees was 230.

14TH 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 “GC27 OncObesity and Metabolism” (doi: 10.1016/j.ebiom.2023.104484.).

The award for the best clinical research work went to emerging research group “GE09 Research in peritoneal and retroperitoneal oncological surgery” (doi: 10.1001/jamasurg.2023.0662).

Each year, an outstanding biomedical scientist is invited to present the “Maimónides Lecture”, which focusses on the latest knowledge in basic, applied, and/or translational biomedical science of excellence. In 2024, the guest speaker was Dr. Damián García Olmo, professor of Surgery at the Autonomous University of Madrid and Head of the Department of Surgery at the ‘Fundación Jiménez Díaz’ University Hospital.

10.4 RESULTS OF TRAINING ACTIVITIES

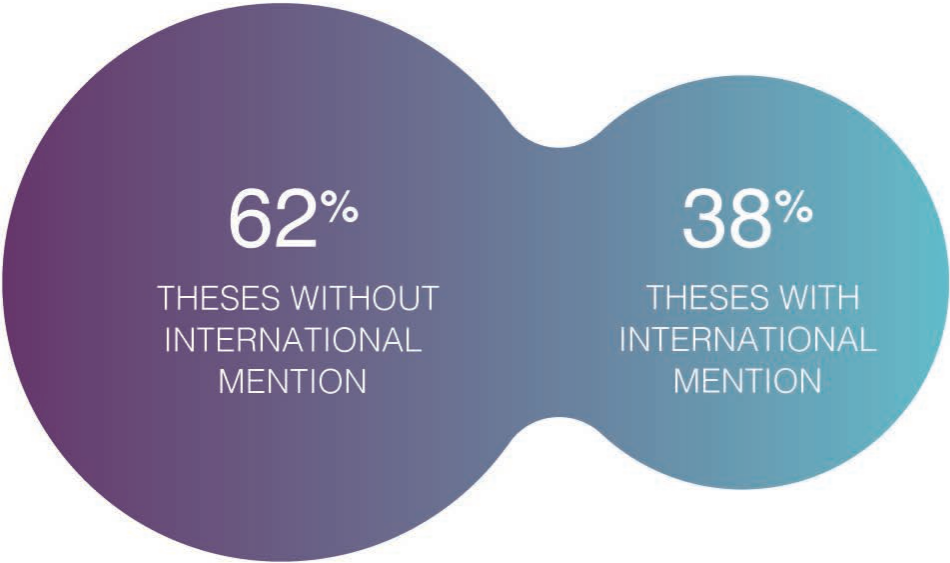
DOCTORAL THESES

THESES PRESENTED - ACADEMIC YEAR 2023/2024

IMIBIC GROUP	PHD STUDENT	THESIS TITLE
Almofti, Nouman	Toxicological analysis of pharmaceutical and illicit drugs in drug-facilitated sexual assault by LC-MS/MS using supramolecular biosolvents	CTS-637 Forensic and legal medicine
Amado Torres, Víctor	Kinetics of circulating tumor cell elimination in patients with hepatocarcinoma undergoing liver resection or transplantation	GC02 Liver and digestive diseases
Ruiz Cruz, Miguel	Novel regulatory mechanisms of Kiss1 neurons during reproductive axis development and in conditions of metabolic stress: Analysis of the roles of microRNAs and elements of the secretory pathway	GC10 Hormonal Regulation of Energy Balance, Puberty and Reproduction
Tercero Alcázar, Carmen	Extracellular matrix and fibrosis in adipose tissue in obesity and insulin resistance	GC11 Metabolism and Adipocyte Differentiation-Metabolic Syndrome
Luque Alcaraz, Olga María	Nursing responsibility in environmental sustainability	GE10 Clinical and Epidemiological Research in Primary Care (GICEAP)
Jiménez Izquierdo, Rafael Manuel	New mechanisms of control of the tumor suppressor protein FBXW7 mediated by DYRK2 kinase	GC04 Inflammation and Cancer
Aranburu Imatz, Alejandra	Epidemiology of care for chronically ill patients aged 50 years and older, cared for at the “Azienda ULSS1 Dolomiti” (Veneto-Italy) in the Pre-COVID 2017/2019 COVID 2020 period	GC31 Comprehensive Nursing Care. Multidisciplinary Perspective
Guillén Climent, Silvia	Applied technology in neurorehabilitation: evaluation of the usability and effectiveness of advanced technology-assisted therapies in stroke patients	GC28 Neuroplasticity and Oxidative Stress

IMIBIC GROUP	PHD STUDENT	THESIS TITLE
Mantrana Soldado, Ana	Targeting metabolism to improve immunotherapy in gsnor-deficient colorectal cancer	GC06 New Therapies in Cancer
Sáez Martínez, Prudencio	Spliceosomic approach in genitourinary tumors: identification of novel biomarkers and therapeutic targets	GC27 OncObesity and Metabolism
Raya Cano, Elena	The somatostatin/cortistatin/neuronostatin system and RNA-exosome complex as novel sources for the identification of useful diagnostic, prognostic and therapeutic tools in prostate cancer	GE10 Clinical and Epidemiological Research in Primary Care (GICEAP)
Medina Medina, Rosario	Association between the Metabolic Syndrome and proinflammatory variables. Systematic Review and Meta-Analysis.	GC02 Liver and digestive diseases
López Alcalá, Jaime David	Characterization of the intracellular connections defining adipose tissue dysfunctional expansion in obesity	GC11 Metabolism and Adipocyte Differentiation-Metabolic Syndrome
Hidalgo Moyano, Cristina	Precision nutrition to modulate the rhythm of biological senescence in patients at high cardiovascular risk	GC09 Nutrigenomics. Metabolic Syndrome
Álvarez Heredia, Pablo	Identification of immunosenescence markers in models of cardiovascular disease, infection and inflammatory based diseases	GC01 Immunology and Allergy
Villena Salinas, Javier	Diagnostic effectiveness of [123i]ioflupane brain spect in multiple system atrophy	GC28 Neuroplasticity and Oxidative Stress
Medina Baena, Marta	Comparison of anatomical and functional results in real clinical practice during the first year of treatment with intravitreal dexamethasone implant in two populations of patients with diabetic macular edema: naïve patients and non-responders to anti-vegf therapy	CTS-637 Forensic and legal medicine
León Bravo, Gemma	Impact of early craniosacral evaluation and treatment on optimization of child neurodevelopment	GC28 Neuroplasticity and Oxidative Stress
Montero Hidalgo, Antonio Jesús	Spliceosomic approach in genitourinary tumors: identification of novel biomarkers and therapeutic targets	GC27 OncObesity and Metabolism
Pericet Rodríguez, Cristina	Late complications after aortic stenting for coarctation of the aorta. Very long term follow up	GC15 Cardiovascular Diseases
Corona Mata, Diana	Optimization of clinical management of viral infectious diseases in drug users	GC26 Clinical virology and zoonosis

THESES PRESENTED: 2023/2024 ACADEMIC YEAR



RESEARCH STAYS

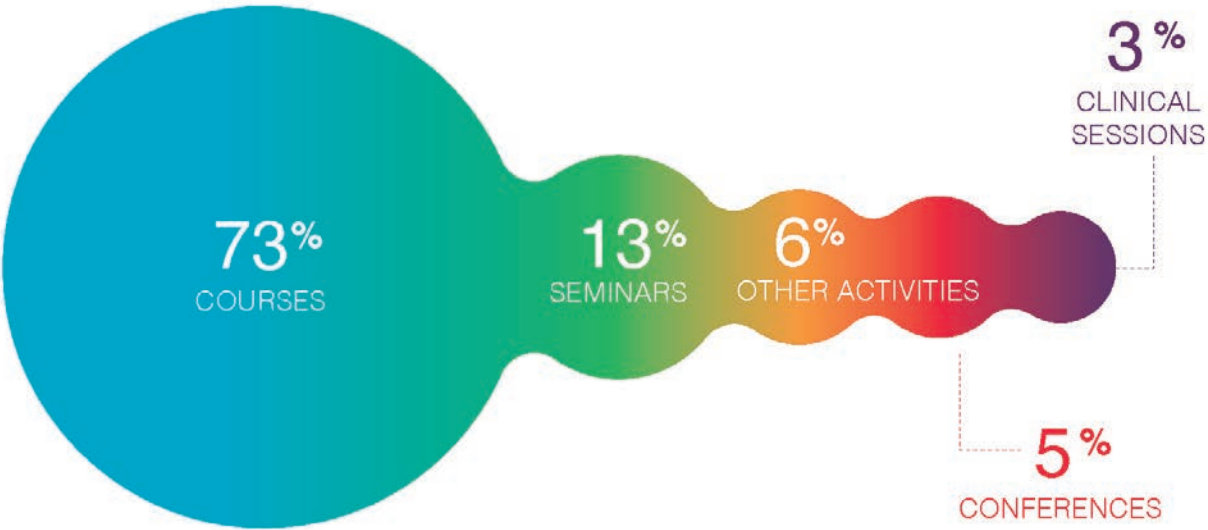
IMIBIC is committed to promoting stays for the training of its PhD students at national and international reference centres in biomedical research, providing opportunities to experience research in foreign settings, facilitating the integration of graduates into the scientific community, and creating networks. In fact, the Institute’s “Plan Propio” includes actions to promote these stays.

Twenty-four researchers from the IMIBIC completed a research stay at a national or international centre in 2024. External visitors are also invited to carry out their research at our Institute. A total of fifteen visiting scientists stayed at IMIBIC during 2024.

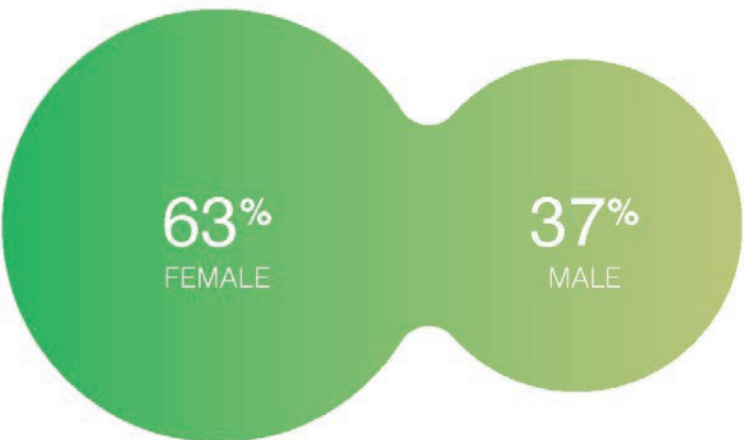
TRAINING ATTENDANCE IN 2024

The total number of participants in all training activities held at IMBIC in 2024, including courses, conferences, seminars and other activities, was 683. Participants were predominantly women.

TRAINING ACTIVITIES BY TYPE:



PARTICIPATION IN TRAINING ACTIVITIES:



11

INNOVATION AND TECHNOLOGY TRANSFER

The main objective of the Innovation and Technology Transfer Plan is to strengthen IMIBIC’s existing capabilities in order 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 2024, 15 patents or intellectual property registrations were applied for. 9 prototypes/developments supported by the UCAIB for Technological Innovation have been carried out. In addition, it should be noted that surgical planning services have begun to be provided to the UGCs, starting and establishing synergies with Maxillofacial, to whom up to two jaw planning services have been provided. It is hoped to continue growing and increasing synergies with the Hospital for the development of these services.

In addition, we have collaborated with the Technological Innovation unit to promote the services offered by both units in order to establish synergies with the research groups and the different units of the hospital (these services include the development of CRDs, design and development of devices and software applications, etc.). Specifically, this year the Thoracic Surgery, Pneumology, Neurology, Traumatology, Emergency, etc. services have been promoted.

In accordance with the Innovation and Technology Transfer Plan, contacts continue to be made with companies to establish collaborations or service provision agreements with companies for the development of innovations or validation of their technologies, having contacted at least 30 companies. In this regard, it is worth highlighting the application for 5 projects in collaboration with companies where 2 projects have been awarded in the call of the State Research Agency (public-private modality) whose total funding raised by the consortia was 2.7 M € of which 1 M € will be managed by the Institute. Likewise, in the public-private call of the Regional Ministry of Health and Consumer Affairs, IMIBIC is participating in a consortium of 418,855 € where 188,485 € will be managed by IMIBIC. Also noteworthy is the signing of two service agreements with the company Vivacell for a total amount of €40,000 and the signing of the framework agreement with ScreenPoint for a value of €252,000.

In relation to the creation of companies, the Innovation and Technology Transfer Unit has provided advice on regulatory, business and market issues to two research groups with research staff interested in the possible creation of a Knowledge-Based Company. It is expected that at least one of these companies can be set up in the future, as one of the interested parties has already started the procedures for three intellectual property registrations that will be the basis for the transfer to the future company. In addition, some hours has been contracted to provide personalised advice on matters requiring more specialised knowledge.

The funding obtained through the Carlos III Health Institute in its call for Strategic Action in Health in 2024 for the implementation of innovation projects has been €116,930 corresponding to a DTS project. The funds will be used for the development of a personalised tool for the diagnosis, prognosis and treatment of hepatocarcinoma based on the splicing machinery.

The second Andalusian Biotech Hackathon was held in coordination with the Higher Polytechnic School of Cordoba (EPSC) and through the co-funding obtained by the IMDEEC call for proposals. In order to give continuity to this initiative, which has been very well received, a new application was made to the ESAL 2024 call, which was granted and therefore a third edition of the Andalusian Biotechnological Hackathon will be held. This third edition will include the participation of companies from the engineering sector with a focus on projects in the field of health. It is expected that, thanks to the participation of these companies, devices will be developed with a capacity to be transferred to clinical practice.

In December 2024, the third internal call for ‘IMIBIC Innovation Awards 2024’ for an amount of €20,000 was launched and is expected to be well received by the research staff.

In order to disseminate the most promising technologies, contact was established with Farmaindustria by means of a participation form, where the applications submitted were not selected because the technologies were at very low TRLs. Based on these suggestions, the technologies are expected to mature and be resubmitted in the next year. In addition, different dissemination actions were carried out with possible companies interested in projects/patents in our portfolio with which we hope to be able to collaborate in the future. On the other hand, we continue with the necessary support and advice to the companies incubated in Cordoba BIOTECH, we hope to establish collaboration links and increase the synergies with them.

With regard to training in this area, a session entitled ‘Introduction to the protection of intangible assets in health systems’ was organised in December, which was given by the Deputy Director of the OTT-SSPA, in which researchers were able to broaden their knowledge of protection through real and practical examples.

The IMIBIC Innovation Unit also successfully passed the audit that evaluates the Quality Management System, in accordance with the UNE 166.002:2021 implemented for years at IMBIC, obtaining the renewal of its certification.

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

Finally, 23 confidentiality agreements and 10 collaboration/service agreements were signed with companies in 2024.



12

BIOMEDICAL RESEARCH SUPPORT UNITS

12.1 ISOTOPE AND PRECLINICAL IMAGING UNIT



STAFF

Eduardo Muñoz Blanco, PhD

Supervisor

Miguel Ángel Rodríguez Martín (till May 2024)

Technician

María Lobo Barrera (from May 2024)

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

- **ET / 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

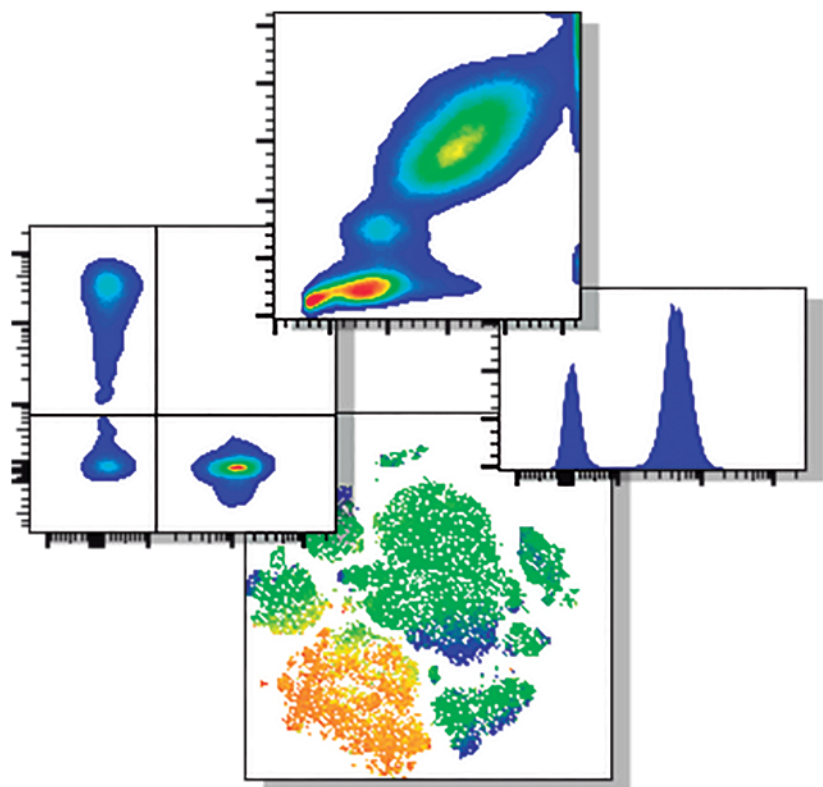
NUMBER OF IMIBIC USERS: 74

PROJECTS

1. 09/08/2019/140 “Desafiando la hipótesis KNDy mediante edición genómica con CRISPR-Cas9: Evaluación del papel de la neuroquímica B y la dinorfina en las neuronas kiss1 en el control de la fertilidad”/Manuel Tena Sempere/GC-10
2. 09/08/2019/141 “Investigación traslacional sobre el hipogonadismo incluido por obesidad: bases fisiopatológicas e implicaciones para la mejora diagnóstica y terapéutica”/Manuel Tena Sempere/GC-10
3. 10/09/2020/109 “Análisis del papel de las taquiquininas en el control de la ovulación: caracterización de las funciones del sistema sustancia-P/Receptor de taquiquininas tipo I (Tac1/Tacr1)” /Manuel Tena Sempere/GC-10.
4. 04/06/2020/074” Implicaciones fisiopatológicas y valor diagnóstico de miRNAscandidatos involucrados en el desarrollo temprano de obesidad y enfermedad metabólica. Estudio CHILDEM”/ Juan Roa Rivas/GC10
5. 22/02/2021/019 “Mecanismo sensores del estado metabólico y nutricional en neuronalKiss1- Implicaciones en el control de la pubertad y sus alteraciones en condiciones de la obesidad de inicio temprano” / Manuel Tena Sempere / GC10.
6. 22/02/2021/018 “Análisis del uso terapéutico del tungstato sódico para el tratamiento del síndrome poliquístico (SOP) empleando modelos preclínicos” / Manuel Tena Sempere / GC10
7. 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 “/ Mª Soledad Avendaño Herrera/ GC10”
8. 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
9. 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
10. 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”
11. 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
12. 03/07/2024/093 “Investigación neuroendocrina traslacional sobre mecanismos de control de la pubertad, la reproducción y el metabolismo” / Manuel Tena Sempere/ GC10
13. 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
14. 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

15. 1/06/2020/072 “Estudio del efecto de fármacos por vía tópica en el tratamiento de úlcera cutánea en ratón diabético” / Belén Palomares Cañero / GC04
16. 1/06/2020/073 “Estudio de eficacia de diferentes compuestos en un modelo murino de obesidad y síndrome metabólico”/ Belén Palomares Cañero / GC04
17. 31/03/2022/057 “Estudio del efecto de fármacos en modelo de isquemia extremidades inferiores” /Adela García Martín / GC04
18. 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
19. 12/12/2019/196 “Desarrollo de un modelo de ratón de Pseudomixoma peritoneal con xenoimplante humano”/Manuel Tena Sempere/GE-09.
20. 15/03/2022/040 “Estimulación inmunogénica basada en terapia con células T autólogas combinada con inhibidores PDL1 y MEK en los subtipos moleculares de cáncer colorrectal”/ Silvia Guil Luna / GC06
21. 23/09/2022/115 “Identificación de biomarcadores diagnósticos, pronósticos y terapéuticos en tumores neuroendocrinos y cáncer de páncreas” / Alejandro Ibáñez Costa / GC08
22. 08/03/2022/033 “Nuevos mecanismos moleculares en cáncer y en su interacción patológica con la obesidad” / Manuel David Gahete Ortiz / GC30
23. 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
24. 08/03/2021/031 “Efecto del suplemento probiótico sobre la función renal, la calcificación vascular y las alteraciones del metabolismo mineral en la enfermedad renal crónica. Estudios clínicos y experimentales “/ Fátima Guerrero Pavón / GC07
25. 20/10/2022/133 “Estudio de los mecanismos implicados en el deterioro cognitivo asociado a la enfermedad renal crónica” / María Encarnación Rodríguez Ortiz / GC13”
26. 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”

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.

María García Cruz

Laboratory technician. Contract from INVESTIGO Programme; Funding Agency: Regional Ministry of Employment, Business and Self-Employment, Junta de Andalucía. 2022.

BRIEF DESCRIPTION

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

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). Filter for violet SSC.
- **BD FACSCalibur:** 1 laser (488 nm). Capable of analysing 3 fluorescence parameters + FSC/SSC.

Cell sorter:

- **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 v.10** flow cytometry analysis software (dongle license).

MAIN SERVICES

- Self-use (Operator-unassisted) of flow cytometry analysers (only for IMIBIC users properly trained by us to use the equipment).
- Operator-assisted use of the analysers on demand.
- Cell sorting: only provided as an operator-assisted service.
- Flow Cytometry data analysis on demand. The unit also offers registered users access to PC workstation with BD FlowJo data analysis software.
- Advice on experimental and multicolor panel design, sample preparation methods, interpretation and presentation of data, and writing of the “material and methods” section of Flow Cytometry.
- Developing/implementing Flow Cytometry assays/applications responding to the user needs.

KEY FACTS

Twelve new users, one new IMIBIC Research Group and one Associated Research Group from University of Cordoba joined the Flow Cytometry Unit in 2024.

NUMBER OF IMIBIC USERS: **33 (13 Research Groups)**

NUMBER OF EXTERNAL USERS: **2 (University of Cordoba)**

NUMBER OF SUPPORTED INTERNAL PROJECTS: **15**

COURSES AND TRAINING SESSIONS: **1 course / 6 training sessions**

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

FEATURED ARTICLES

Co-authorship:

- Pavlovic, Kristina et al. “Generating universal anti-CD19 CAR T cells with a defined memory phenotype by CRISPR/Cas9 editing and safety evaluation of the transcriptome.” *Frontiers in immunology* vol. 15 1401683. 29 May. 2024, doi:10.3389/fimmu.2024.1401683.

SUPPORTED PROJECTS

1. FluVag-Tregs – Immunosenescence and immune responses to influenza vaccination. Use of antisense oligonucleotides targeting regulatory T cells to improve vaccine efficacy. PI: Alexander Batista Duharte. Funding Agency: ISCiii; Reference: CP22/00111.
2. Viro-terapia oncolítica basada en aproximaciones sinérgicas (oncolísis/quimioterapia) en la lucha frente al cáncer. PI: Ernesto Mejías Pérez. Funding Agency: Universidad de Córdoba. UCOLIDERA. Reference: BIO-304.
3. Identificación de drivers predictivos en cáncer de mama postparto mediante análisis multi-ómico integrativo de muestras mínimamente invasivas. PI: Juan Rafael de la Haba Rodríguez. Funding Agency: ISCiii. Reference: PI22/00969.
4. The functional activity of natural killer cells and antibody-dependent cell mediated cytotoxicity for prediction of response to anti-EGFR treatment in colorectal cancer. PI: Enrique Aranda Aguilar. Funding Agency: ISCiii; Reference: PI20/00997.
5. S-nitrosilación aberrante en la intersección del metabolismo y la autofagia en el cáncer colorrectal: oportunidades terapéuticas. PI: Antonio Rodríguez Ariza. Funding Agency: ISCiii. Reference: PI23/00489.
6. Neoantígenos derivados del splicing como dianas de la inmunoterapia en cáncer de páncreas (SplicImmuno). PI: Justo P. Castaño/Alejandro Ibáñez Costa. Funding Agency: AESPANC; Reference: AESPANC-2022-01.
7. Mecanismos sensores del estado metabólico y nutricional en neuronas Kiss1: implicaciones en el control de la pubertad y sus alteraciones en condiciones de obesidad. PI: Manuel Tena Sempere. Funding Agency: Agencia Estatal de Investigación; Reference: PID2020-118660GB-I00.
8. eprObes - Preventing lifetime obesity by early risk-factor identification, prognosis and intervention. PI: Manuel Tena Sempere. Funding Agency: COMISIÓN EUROPEA. Reference: STAYHLTH-01-05_01.

9. Estudio de la movilización de células precursoras endoteliales y de la capacidad regenerativa en pacientes tratados con sitagliptina y calcifediol. PI: Antonio Casado Díaz. Funding Agency: FUNDACIÓN ESPAÑOLA DE INVESTIGACIÓN ÓSEA Y DEL METABOLISMO MINERAL; Reference: FEIOMM2022_001.

10. 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: ISCiii; Reference: PI21/01935.

11. Aproximación espliceosómica para la identificación de biomarcadores diagnósticos, pronósticos y dianas terapéuticas en oligodendrogliomas. Funding Agency: FUNDACION PUBLICA ANDALUZA PROGRESO Y SALUD. Reference: ENOR-0004-2023. PI: Raúl M Luque Huertas.

12. Funciones epigenéticas y reparadoras de la escisión de bases del ADN. PI: Teresa Roldán Arjona. Funding Agency: AGENCIA ESTATAL DE INVESTIGACIÓN; Reference: PID2022-140458NB-I00.

13. GLIOCHEM – Repair of temozolomide-induced DNA damage in tumour cells: role in glioblastoma resistance to chemotherapy. PI: Mª Isabel Martínez Macías. MSCA-Cofund GA: 847468.

14. Characterization and validation of new therapeutic, diagnostic and prognostic targets in Pseudomyxoma Peritonei. PI: Álvaro Arjona y Antonio Romero. Funding Agency: ISCiii; Reference: PI22/01213.

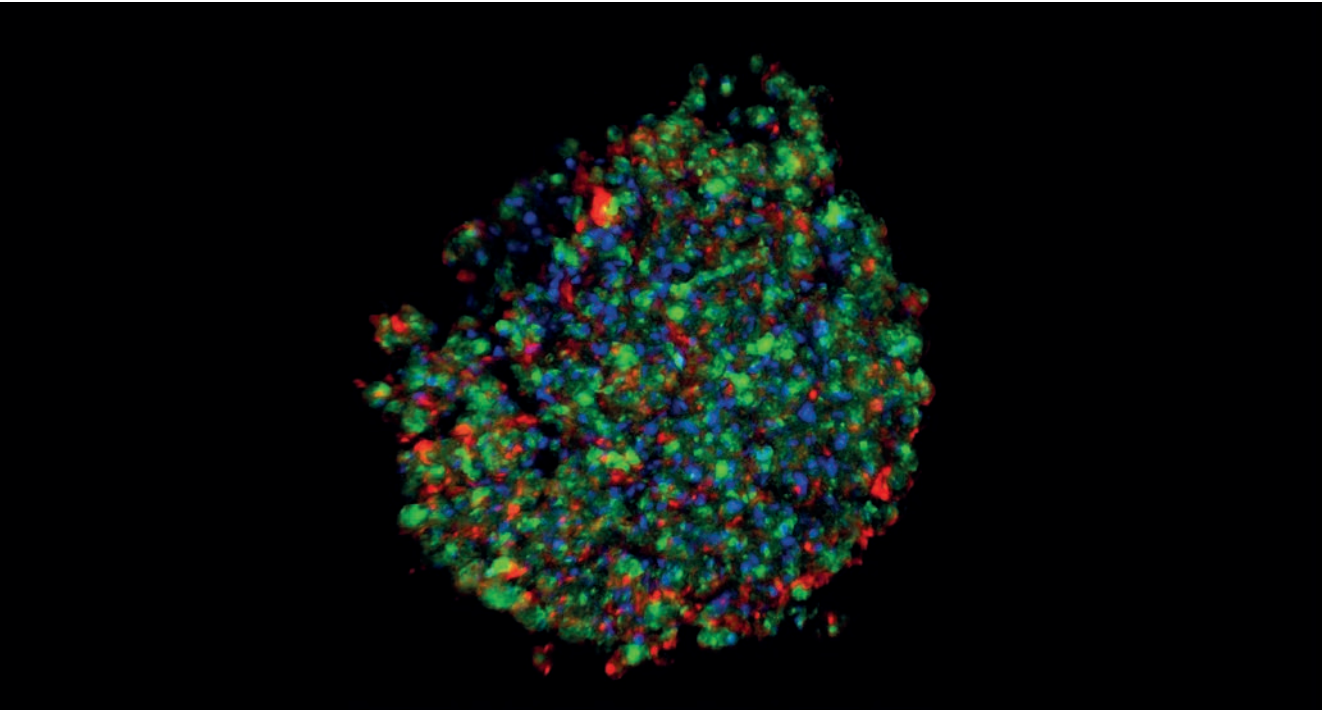
15. Validation of new therapeutic targets for a rare malignant disease: The Pseudomyxoma Peritonei. PI: Álvaro Arjona. Funding Agency: Asociación Española Contra el Cáncer; Reference: PRYES223170ARJO.

COURSES AND WORKSHOPS

1. Course delivery: “Fundamentos y Aplicaciones Biomédicas de la Citometría de flujo. 4th edition”. Training activity accredited by the Andalusian Agency for Healthcare Quality-ACSA (2,42 credits), and linked to Biomedicine PhD Program Training Plan at the University of Cordoba. 18-20 November 2024.

2. Organization of Workshop: “BD Horizon NEXT Reload Tour”. Soluciones y avances en Citometría de flujo espectral y separación celular. Becton Dickinson. 29 May 2024.

12.4 ADVANCED OPTICAL MICROSCOPY UNIT



STAFF

Gema García Jurado, PhD
Head of Unit. Microscopy Technical Specialist– Contract, ISCIII Biobanks and Biomodels Platform. PT20/00079.

Alvaro Carrasco Carmona, PhD
Senior Microscopy Technical Specialist – Contract, Investigo Programe (2021-C23.I01.P03.S0020-0000004).

BRIEF DESCRIPTION

The Advanced Optical Microscopy Unit of IMIBIC offers IMIBIC researchers and to both public and used in biomedical research.

The aim of the service is to provide comprehensive support to researchers as well as to provide scientific and technical advice and support on experimental design, sample preparation, image processing-analysis and data interpretation.

EQUIPMENT AND FACILITIES

- Equipped with:**
- **Zeiss LSM 710 Spectral Confocal Laser Scanning Microscope:** inverted motorized stand. 7 laser lines: 405, 458, 488, 514, 543, 594 and 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:** Motorized inverted microscope and software with THUNDER Computational Clearing. 4 Filter cubes for DAPI, FITC, Rhod and Cy5. Illumination: epifluorescence, brightfield and phase contrast.
 - **Zeiss PALM MicroBean. Laser Microdissection:** one excitation laser line (355nm) fully motorized, with high precision cutting and catapulting, and “cap check” system. Transmitted light techniques (bright field, phase contrast), 4 filter cubes for DAPI, FITC, Red and Cy5.
 - **Zeiss Axio Vert.A1** inverted **fluorescence** microscope. Illumination: brightfield and epifluorescence. Filter cubes for DAPI, FITC and Cy3. Digital monochrome CCD camera.
 - **Leica DM2000 LED** Upright microscope with LED **transmitted light** illumination. Digital camera color HD.
 - **NikonEclipse Ti-S** inverted microscope with Illumination: brightfield and contrast phase. Digital camera color.
 - **Image Analysis Workstation:** AIVIA CellBio, FIJI, LAS X, Zen Blue, QuPath, CellPose.

Applications

The main applications carried out at the Area include:

- Laser Scanning Confocal Microscopy
- Automated Wide-Field Microscopy
- High content screening
- Live 3D imaging
- On-line computational clearing
- Laser cutting
- Spectral imaging and linear unmixing
- Image processing and analysis

MAIN SERVICES

- Self-use (Operator-unassisted) of microscopy equipment.
- Operator-assisted use of the instruments.
- Processing and analysis of Image.
- Advice and support on experimental design, sample preparation methods, image interpretation and results presentation.
- Developing/implementing microscopy assays/applications, and image analysis tools responding to the user needs.

KEY FACTS

NUMBER OF IMIBIC USERS: **104 (20 RESEARCH GROUPS)**
NUMBER OF EXTERNAL USERS: **5 (UNIVERSITY OF CORDOBA, IFAPA)**
NUMBER OF INTERNAL PROJECTS SUPPORTED: **43**
COURSES AND TRAINING SESSIONS: **54**
NEW INTERNAL SERVICES: **7**

FEATURED ARTICLES

A total of 12 scientific articles using data generated from the Unit were published during 2024. Articles with co-authorship and those for which the Unit support has been acknowledged are detailed below:

- Angulo-Cánovas E, Bartual A, López-Igual R, Luque I, Radzinski NP, Shilova I, Anjur-Dietrich M, García-Jurado G, Úbeda B, González-Reyes JA, Díez J, Chisholm SW, García-Fernández JM, Del Carmen Muñoz-Marín M. **Direct interaction between marine cyanobacteria mediated by nanotubes.** Sci Adv. 2024 May 24;10(21):eadj1539. doi: 10.1126/sciadv. adj1539. Epub 2024 May 23. PMID: 38781331; PMCID: PMC11114229.

• García-Martín A, Prados ME, Lastres-Cubillo I, Ponce-Díaz FJ, Cerero L, Garrido-Rodríguez M, Navarrete C, Pineda R, Rodríguez AB, Muñoz I, Moya J, Medeot A, Moreno JA, Chacón A, García-Revilla J, Muñoz E. **Etrinabdione (VCE-004.8), a B55α activator, promotes angiogenesis and arteriogenesis in critical limb ischemia.** J Transl Med. 2024 Nov 6;22(1):1003. doi: 10.1186/s12967-024-05748-w. PMID: 39506809; PMCID: PMC11539538.

• López-Alcalá J, Gordon A, Trávez A, Tercero-Alcázar C, Correa-Sáez A, González-Rellán MJ, Rangel-Zúñiga OA, Rodríguez A, Membrives A, Frühbeck G, Nogueiras R, Calzado MA, Guzmán-Ruiz R, Malagón MM. **Localization, traffic and function of Rab34 in adipocyte lipid and endocrine functions.** J Biomed Sci. 2024 Jan 5;31(1):2. doi: 10.1186/s12929-023-00990-8. PMID: 38183057; PMCID: PMC10770960.

• Lagal DJ, Ortiz-Alcántara Á, Pedrajas JR, McDonagh B, Bárcena JA, Requejo-Aguilar R, Padilla CA. **Loss of peroxiredoxin 6 alters lipid composition and distribution resulting in increased sensitivity to ferroptosis.** Biochem J. 2024 Dec 23;481(24):1997-2015. doi: 10.1042/BCJ20240445. PMID: 39601357; PMCID: PMC11668489.

PROJECTS

1. PI-0219-2022. La biopsia líquida como herramienta para predecir la respuesta del paciente de hepatocarcinoma a la inmunoterapia. 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. Adela García Martín.

3. PID2023-148340OB-I00. Agencia Estatal de investigación. Activadores farmacológicos de PP2A/B55a con potencial en patologías vasculares. Adela Garcia 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. 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. Eduardo Collantes Estévez.

6. PI21/00591. Nuevas dianas terapéuticas, reposicionamiento de fármacos e identificación de biomarcadores traslacionales en enfermedades autoinmunes mediante análisis multiómicos e inteligencia artificial. Rosario López Pedrera.

7. Lilly-IIR-2020-001. Characterization of baricitinib effects on the pro-thrombotic and cardiovascular risk profile of rheumatoid arthritis patients. 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. Nuria Barbroja Puerto.

9. PI23/00489. Aberrant S-nitrosylation at the intersection of metabolism and autophagy in colorectal cancer: therapeutic opportunities. Antonio Rodríguez Ariza.

10. PI2000997. La actividad funcional de las células “natural killer” y la citotoxicidad mediada por células dependientes de anticuerpo para la predicción de la respuesta al tratamiento anti-EGFR en cáncer colorrectal. Antonio Rodriguez Ariza.

11. PI-0130-2022. Riesgo cardiovascular y depuración de toxinas urémicas: nuevas estrategias terapéuticas basadas en nanotecnología. Fátima Guerrero Pavón.

12. AESPANC-2022-01. Neoantígenos derivados del splicing como dianas de la inmunoterapia en cáncer de páncreas (SplicInmuno). Justo P. Castaño, Alejandro Ibáñez Costa.

13. GJ2208. Análisis molecular de la resistencia a análogos de somatostatina en feocromocitomas y paragangliomas. Alejandro Ibáñez Costa.

14. DTS20/00117. Desarrollo y validación de nuevos nanofármacos para el tratamiento de la enfermedad metabólica asociada a obesidad e hipogonadismo. Manuel Tena Sempere.

15. PI21/01770. Caracterización del papel fisiopatológico de miRNAs circulantes desregulados en el hipogonadismo inducido por obesidad. María Soledad Avendaño Herrador.

16. STAYHLTH-01-05_01. eprObes - Preventing lifetime obesity by early risk-factor identification, prognosis and intervention. Manuel Tena Sempere.

17. BSE-PSG-2021-02. CRISPR/Cas9 technology for conditional (cell-specific) genome editing in somatic cells. David García Galiano.

18. 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. Manuel Tena Sempere.

19. 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. Manuel Tena Sempere.

20. PI24/02007. Papel fisiopatológico y valor diagnóstico de los miRNAs desregulados en el hipogonadismo-inducido por obesidad en mujeres en edad fértil. María Soledad Avendaño Herrador.

21. ENVHLTH-02-03-2023-01. MERLON - Merging scientific Evidence with Regulatory practices and Leveraging identification Of endocrine disruptors using New approach methodologies. Manuel Tena Sempere.

22. ProyExcel_00704. Búsqueda de nuevas aplicaciones en nanomedicina personalizada basadas en los mecanismos de comunicación intercelular del tejido adiposo en obesidad. Ana Gordon Bermúdez-Coronel.

23. IHMC22/00002. Exploring the impact of obesity on intercellular and inter-tissue communication of adipose tissue to find novel therapeutic strategies. Ana Gordon Bermúdez-Coronel.

24. PI-0071-2021. Suplementos de Magnesio como tratamiento de la progresión de la fibrosis renal y cardiaca. Juan Mariano Rodríguez Portillo.

25. PI21/00654. Estudio del papel de FGF23 como inductor de hipertensión arterial y disfunción vascular en pacientes con enfermedad renal crónica. Juan Rafael Muñoz Castañeda.

26. ICI22/00090. Disminuir la absorción intestinal de fósforo como estrategia para enlentecer la progresión de la enfermedad renal crónica en pacientes de atención primaria. Juan Mariano Rodríguez Portillo.

27. PI21/00269. Nutritional and pharmacological modulation of mTOR signaling pathway in the context of renal disease - the role of SGLT2 inhibitors. Escolástico Aguilera Tejero.

28. 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. Juan Rafael Muñoz Castañeda.

29. PI24/00232. Exploración del Impacto de FGF23 sobre la Hipertensión y el Metabolismo Energético en pacientes con enfermedad renal crónica:Mecanismos y Posibles Terapias. Juan Rafael Muñoz Castañeda.

30. FEIOMM2022_001. Estudio de la movilización de células precursoras endoteliales y de la capacidad regenerativa en pacientes tratados con sitagliptina y calcifediol. Antonio Casado Díaz.

31. 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. Antonio Casado Díaz, Alfonso Calañas Continente.

32. FEIOMM24_01. Identificación de biomarcadores en vesículas extracelulares asociados a la adiposidad de la médula y al deterioro óseo causado por deficiencias nutricionales. Marta Camacho Cardeñosa.

33. MICIN PID2022-140458NB-I00. Funciones epigenéticas y reparadoras de la escisión de bases del ADN. Teresa Roldán Arjona.

34. MSCA-Cofund GA: 847468. Repair of temozolomide-induced DNA damage in tumour cells: role in glioblastoma resistance to chemotherapy. Mª Isabel Martínez Macías.

35. DTS23/00055. Aproximación espliceosómica para desarrollar una herramienta personalizada de diagnóstico y pronóstico, con potencial impactoterapéutico en tumores cerebrales malignos. Raul Luque Huertas.

36. FSEEN23_01. Identificación de nuevos biomarcadores y estrategias terapéuticas en craneofaringiomas basadas en las maquinarias moleculares de control del metabolismo del ARN. Raul Luque Huertas.

37. 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. Juan Antonio Moreno Gutierrez.

38. 116200130052. FEDER: Caracterización de nuevos mecanismos y posibles dianas terapéuticas implicadas en la progresión del daño renal en patologías asociadas a acumulación de hemoglobina. Jose Luis Morgado Pascual.

39. ICI19/00006. Ensayo clínico fase I-II multicéntrico para evaluar seguridad y eficacia de un medicamento de terapia avanzada basado en una córnea artificial de péptidos similares al colágeno con células epiteliales para el tratamiento de enfermedades corneales severas. Miguel González Andrades.

40. 116190130194. Generación y evaluación in vivo de matrices bioartificiales descelularizadas y gamma irradiadas a partir de xenoinjertos porcinos para su aplicación en terapias avanzadas en córnea y cartílago. Miguel González Andrades.

41. 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. Yolanda Jiménez Gómez.

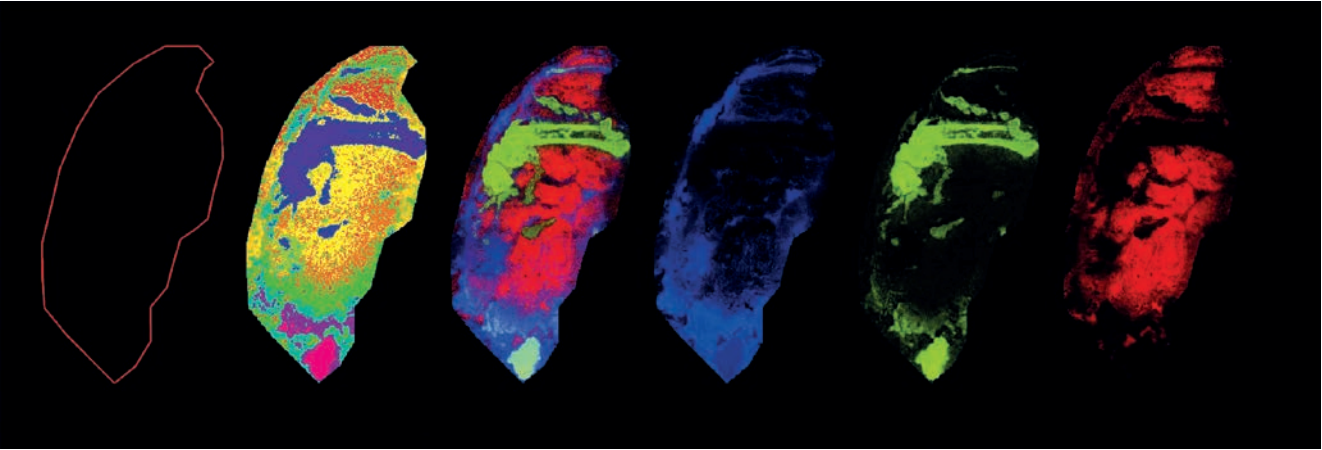
42. PI19/01603. Caracterización molecular del Pseudmixoma Peritoneal y desarrollo de biomarcadores y terapias diana en un modelo de ratón con xenoimplante humano. Álvaro Arjona Sánchez.

43. PI22/01213. Characterization and validation of new therapeutic, diagnostic and prognostic targets in Pseudomyxoma Peritonei. Álvaro Arjona Sánchez.

COURSES AND WORKSHOPS

• 43 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: RF2-0003-2020.

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: RF2-0013-2022

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 update2025) for Maldi Imaging analyses. R, Python programming languages for general analysis purposes. MetaboScape and TASQ for metabolomics and lipidomics workflow (Last update: 2018 - 2025)
- BPS: ProteoScape™ Parallel Search Engine in Real-time (Bruker) (Last update: 2025)
- Spectronaut: DIA analysis for protein identification and quantification (SN18, Last update: 2023)
- Twinscape (Bruker): Proteomics and mass spectrometry QC monitoring suite in real time (Last update: 2025)
- 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: **11**

NUMBER OF EXTERNAL USERS: **28**

NUMBER OF PUBLICATIONS: **7**

NUMBER OF MEETINGS WITH USERS GROUPS: **267**

NUMBER OF TECHNICAL INTERVENTIONS IN THE UNIT: **2466**

PARTICIPATION IN INTERLABORATORY COMPARISON STUDIES: **1**

QUALITY CERTIFICATES: **1**

FEATURED ARTICLES

1. Porin expression in clinical isolates of Klebsiella pneumoniae: a comparison of SDS-PAGE and MALDI-TOF/MS and limitations of whole genome sequencing analysis. Cristina Elías-López, Montserrat Muñoz-Rosa, Julia Guzmán-Puche, Elena Pérez-Nadales, Eduardo Chicano-Galvez, Luis Martínez-Martínez. Annals of Clinical Microbiology and Antimicrobials (2024).
2. Longitudinal Assessment of Nasopharyngeal Biomarkers Post-COVID-19: Unveiling Persistent Markers and Severity Correlations. Francisco Javier Redondo-Calvo, Yoana Rabanal-Ruiz, Gema Verdugo-Moreno, Natalia Bejarano-Ramírez, Raquel Bodoque-Villar, Mario Durán-Prado, Soledad Illescas, Eduardo Chicano-Galvez, Francisco Javier Gómez-Romero, José Martínez-Alarcón, Javier Arias-Pardilla, Pilar Lopez-Juarez, Juan Fernando Padin, Juan Ramón Peinado, Leticia Serrano-Oviedo. Journal of Proteome Research (2024).
3. Superior metabolic improvement of polycystic ovary syndrome traits after GLP1-based multi-agonist therapy. Miguel A. Sánchez-Garrido, Víctor Serrano-López, Francisco Ruiz-Pino, María Jesús Vázquez, Andrea Rodríguez-Martín, Encar-

- nación Torres, Inmaculada Velasco, Ana Belén Rodríguez, Eduardo Chicano-Gálvez, Marina Mora-Ortiz, Claes Ohlsson, Matti Poutanen, Leonor Pinilla, Francisco Gaytán, Jonathan D. Douros, Bin Yang, Timo D. Müller, Richard D. DiMarchi, Matthias H. Tschöp, Brian Finan, Manuel Tena-Sempere . Nature Communications 15, 8498 (2024)
4. Pollen-Food Allergy Syndrome: From Food Avoidance to Deciphering the Potential Cross-Reactivity between Pru p 3 and Ole e 7. Paula Álvarez,Rocío Aguado, Juan Molina, Antonio Trujillo-Aguilera, Mayte Villalba, Araceli Díaz-Perales, Carmen Oeo-Santos, Eduardo Chicano, Nadine Blanco, Ana Navas, Berta Ruiz-León, Aurora Jurado. Nutrients 2024, 16(17), 2869
 5. Dysregulation of Lipid Metabolism Serves as A Link Between Alzheimer’s and Cardiovascular Disease, As Witnessed in A Cross-Sectional Study. Laura Mourino-Alvarez, Cristina Juarez-Alia, Tamara Sastre-Oliva, Inés Perales-Sánchez, German Hernandez-Fernandez, Eduardo Chicano-Galvez, Ángela Peralbo-Molina, Felipe Madruga, Emilio Blanco-Lopez, Teresa Tejerina, María G. Barderas. Aging and disease. Volume 16, Number 3, June 2024.
 6. Revisiting tuberculous granuloma by MALDI-Imaging Proteomic analysis of granulomas from cattle and pigs naturally infected with Mycobacterium tuberculosis complex by MALDI-imaging. Fernanda I. Larenas-Muñoz, José María Sánchez-Carvajal, Inés Ruedas-Torres, Carmen Álvarez-Delgado, Karola Fristiková, Francisco J. Pallarés, Librado Carrasco, Eduardo Chicano-Gálvez, Irene Magdalena Rodríguez-Gómez, Jaime Gómez-Laguna. Frontiers in Immunology. Volume 15 - 2024 | doi: 10.3389/fimmu.2024.1369278
 7. Mass spectrometry imaging in environmental monitoring: From a scarce existing past to a promising future. Ana María Herruzo-Ruiz, Angela Peralbo-Molina, Cristina-María López, Carmen Michán, José Alhama, Eduardo Chicano-Gálvez. Trends in Environmental Analytical Chemistry. Volume 42, June 2024. <https://doi.org/10.1016/j.teac.2024.e00228>

PROJECTS

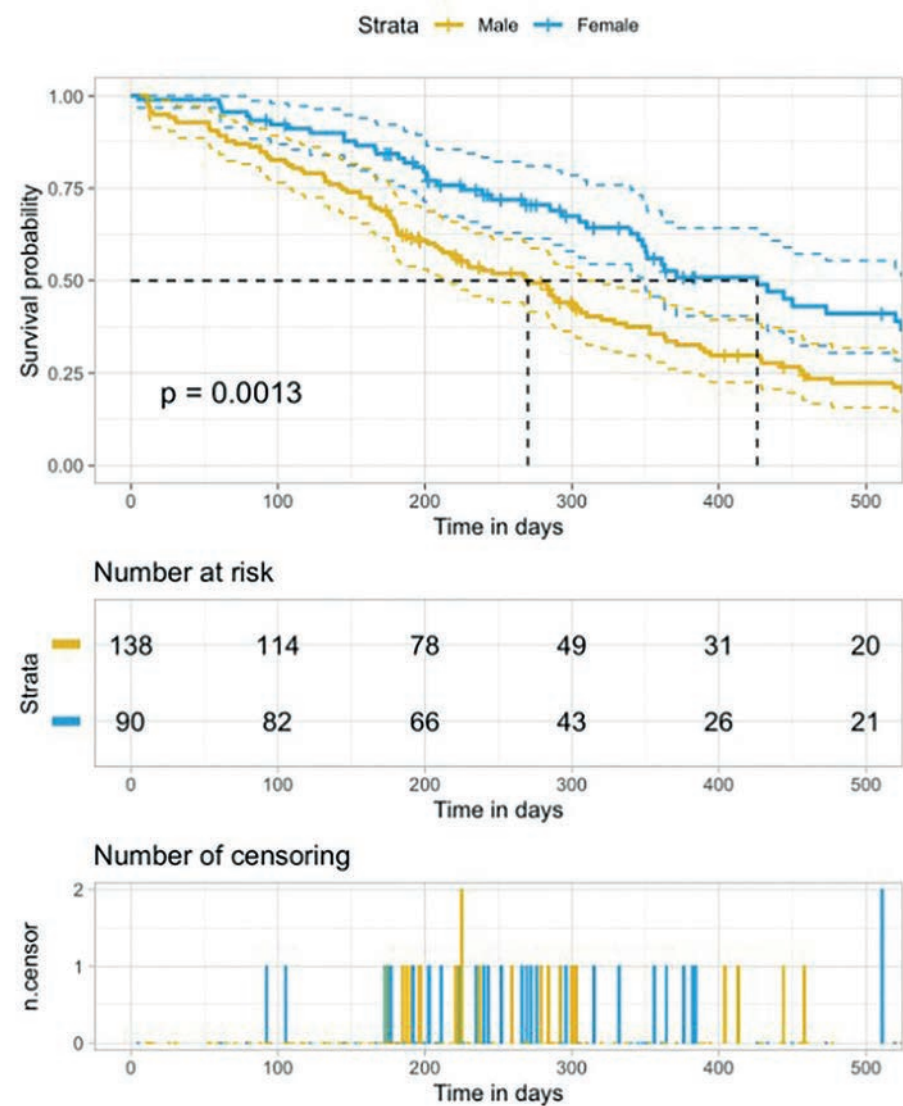
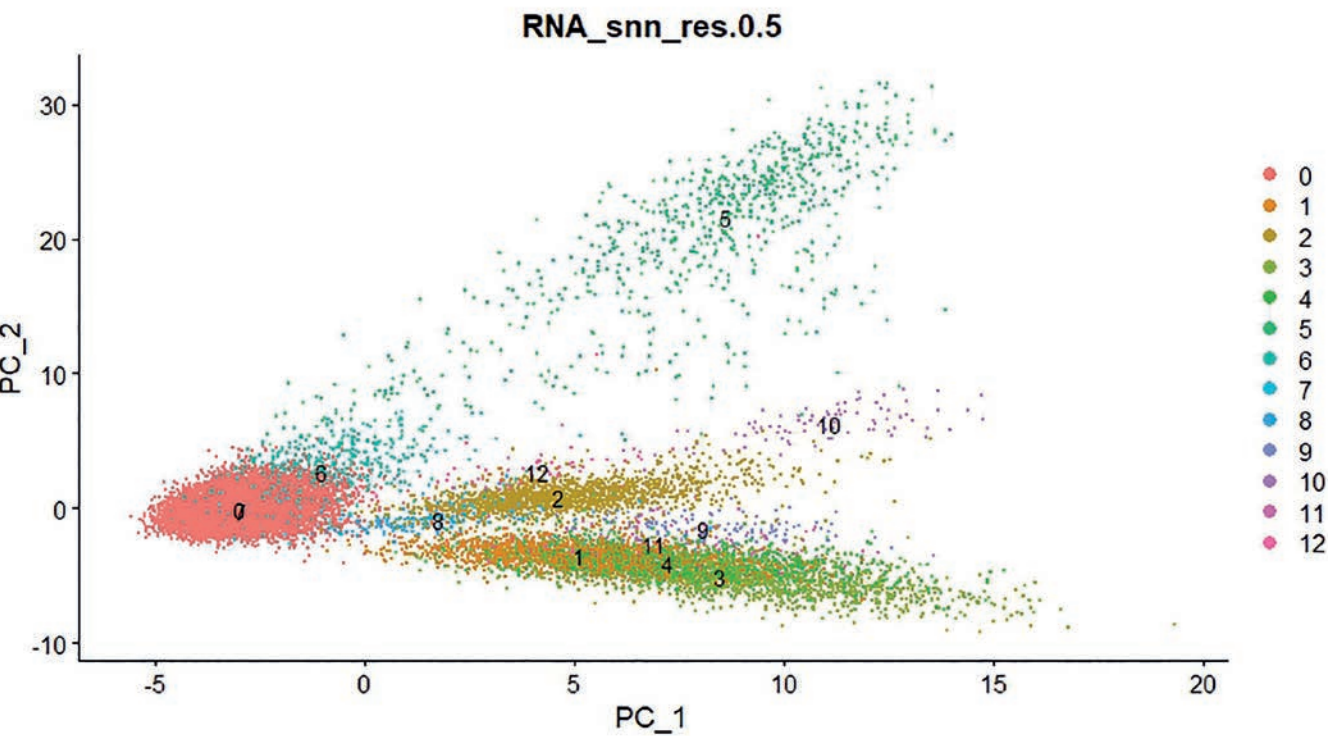
1. Quantitative proteomics of the extracellular matrix compartment in adult mice with induced cardiac infarction lesions. University of Málaga, IBIMA - Plataforma BIONAND.
2. Advanced proteomic analysis of blood-derived subproducts, including microvesicles, exosomes, platelets, and megakaryocytes differentiated into platelets. GENYO, Granada.
3. Development of a new high-resolution lateral MS imaging methodology for characterizing the arcuate tract in mice. Single-cell resolution MS imaging. IMIBIC.
4. Development of a new MS imaging methodology for characterizing the rare disease osteogenesis imperfecta. Scanning of both muscle and bone tissues. University of Málaga, IBIMA - Plataforma BIONAND.
5. Proteomics of the neuro-olfactory nerve to trace the effects of cannabis on neural systems. Identification of proteins and pathways as potential biomarkers and therapeutic targets. University of Cádiz - INIBICA.
6. Quantitative plasma proteomics: new approaches and protocols to improve protein identification and quantification in human plasma and blood cells. University of Granada.
7. Quantitative proteomics of human reproductive cells to characterize the process of fertilization/oocyte formation and the proteins involved at each stage. University of Murcia.
8. Proteomic analysis of purified proteins from human urine. Characterization of potential biomarkers in Sjögren’s Syndrome. GENYO, Granada.
9. Metabolomics analysis from in vitro and in vivo infection assays of *S. Typhimurium* in porcine intestine. Characterization of immunometabolic changes and their effects on pathogen survival and virulence. University of Córdoba (UCO).
10. Miralys-HiPlex MS imaging of a large tissue microarray covering different renal tumor stages. University of the Basque Country (UPV).
11. Proteomic analysis for the detection of early diagnostic biomarkers in keratoconus. Collaborative project with CorneaProject S.L. (CPP22-009889).
12. Metabolomic profiling to study the relationship between intestinal microbiota, pulmonary interstitial syndrome, and rheumatoid arthritis. IBIMA - Plataforma BIONAND.
13. MS imaging analysis of the effect of acoustic stress on marine organisms. Laboratory of Applied Bioacoustics (LAB) and IDAEA, Barcelona.
14. Proteomic analysis of a pull-down of Fabaceae lectins. Plant proteomics. University of Granada (UGR).
15. Biomarker discovery for osteogenesis imperfecta using large-scale quantitative proteomics. IBIMA - Plataforma BIONAND.
16. Development of a high-sensitivity mass spectrometry method for detecting amphotericin B in patient samples. IMIBIC.
17. Proteomic characterization of a specific cell lineage involved in a rare disease. CABIMER.
18. Proteomic analysis in a murine model of progeria. Biomarker identification in different tissues (heart and aorta). HNP-Toledo - CNIC.
19. MS imaging analysis in a murine model of progeria. Biomarker identification in heart and aorta tissues. HNP-Toledo - CNIC.
20. Development of a new quantitative MS imaging protocol for detecting a cyanotoxin in exposed rats. University of Seville (US).

21. Multiomics analysis of OSKc cells for biomarker discovery. Combined lipidomic and proteomic characterization of the same samples. University of Málaga – IBIMA - Plataforma BIONAND.
22. Quantitative proteomic analysis to better understand the complex interactions between polycystic ovary syndrome and non-alcoholic fatty liver disease. IMIBIC.
23. Advanced proteomic analysis of all skeletal tissues/compartments to generate a comprehensive atlas for differential protein expression analysis. IBIMA - Plataforma BIONAND.
24. Proteomic analysis of whole blood from colorectal cancer patients treated with cetuximab to identify protein profiles associated with long or short responders. IMIBIC.
25. Development of a new mass spectrometry method for urine toxin analysis. IMIBIC.
26. Proteomic analysis of extracellular vesicles secreted by three pathogens: *Acanthamoeba*, *Naegleria*, and *Toxoplasma*. University of Granada (UGR).
27. Proteomic analysis to assess the response to temozolomide chemotherapy in glioblastoma multiforme. IMIBIC.
28. Comparative proteomic profiling of aortas from senescence-accelerated mouse-prone 8 (SAMP8) and SAMR1 (control) mice to study vascular aging. Autonomous University of Madrid (UAM).
29. Development of a novel proteomic protocol to isolate, identify, and quantify plant extracellular vesicles. UAM.
30. MS imaging analysis of brain tissues from premature mice with varying degrees of glycemia. INIBICA.
31. Multiomics analysis (metabolomics and proteomics) of plasma from patients with Alzheimer’s and cardiovascular diseases. HNP-Toledo.

COURSES AND WORKSHOPS

1. Organizers of the IX Congress of Spanish Proteomics Society (SEPROT) and 4th Joint Meeting of Spanish, Portuguese and French Proteomics Societies. www.seprot24.com
2. Master’s degree in Translational Biomedical Research. Subject Proteomics. University of Cordoba
3. Master’s degree in Biomedicine. University of Cádiz
4. Individualised advanced training for research staff: Proteomics/Metabolomics/Lipidomics/MS Imaging.
5. Mentoring of pre-doctoral students and students in professional training.
6. Post-doctoral short-term internships for advanced mass spectrometry analysis
7. International and National congress assistances and scientific publications.
8. Pre-Congress Course: Quantitative Analysis of Data-Independent Acquisition MS Data
9. LC-MS Method Validation
10. Practical Notions in Clinical Trials
11. Insights in Metaproteomics and New Proteomics Tools
12. nanoELUTE2 nano-Liquid Chromatography System Coupled to the High-Resolution Mass Spectrometer BRUKER tims-TOF FLEX
13. 2nd Exceed European Clinical Proteomics Workshop.
14. Applied Mass Spectrometry – New Technological Solutions in Mass Spectrometry for Current Challenges in Food Safety and the Environment
15. 1st Proteomics Spanish User Group Meeting Preomics
16. 15th IMIBIC Young Investigators Meeting
17. 23rd Human Proteome Organization World Congress
18. Leadership and mentoring at workplaces
19. Course on Applied Biostatistics and Data Analysis
20. 8th Meeting for Young Proteomics Researchers

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 Programme I Investigate.

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

The Bioinformatics and Biostatistics Unit has nearly tripled the number of users and internal projects compared to the previous year (2023).

It is worth noting that the unit was reactivated in 2023 following the hiring of two staff members towards the end of the second third of the year. Therefore, 2024 is also considered a year of consolidation and operational setup for the unit.

Throughout 2024, numerous analysis protocols and procedures have been developed, including:

- Natural language processing to convert unstructured data into structured formats.
- Meta-analyses and creation of forest plots.
- Mathematical interpolation techniques.
- Development of an RNA-seq pipeline in collaboration with the UCAIB Genomics Unit.
- Variable selection using Random Forest.
- Pipeline for proteomics data analysis.
- Sensitivity analysis applied to statistical studies.
- Factor analysis.
- Design of nomograms for clinical studies.
- Data management planning.
- Survival analysis.

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): 25
- NUMBER OF EXTERNAL USERS: 2
- NUMBER OF SUPPORTED INTERNAL PROJECTS: 28
- NUMBER OF SUPPORTED EXTERNAL PROJECTS: 2
- NUMBER OF MEETINGS WITH IMIBIC GROUPS: 57
- NUMBER OF MEETINGS WITH EXTERNAL GROUPS: 7

PROJECTS

During 2024, the unit was involved in the following project;

- Precision Medicine Infrastructure associated with Science and Technology (IMPaCT) of the Strategic Action in Health (2017-2020)
 - PI: Alfonso Valencia Herrera
 - File: IMP/00019
- Identification of clinically relevant epigenetic biomarkers in liquid biopsy for the monitoring and management of pancreatic cancer.
 - PI: Enrique Aranda Aguilar
 - File: ProyExcel_00734

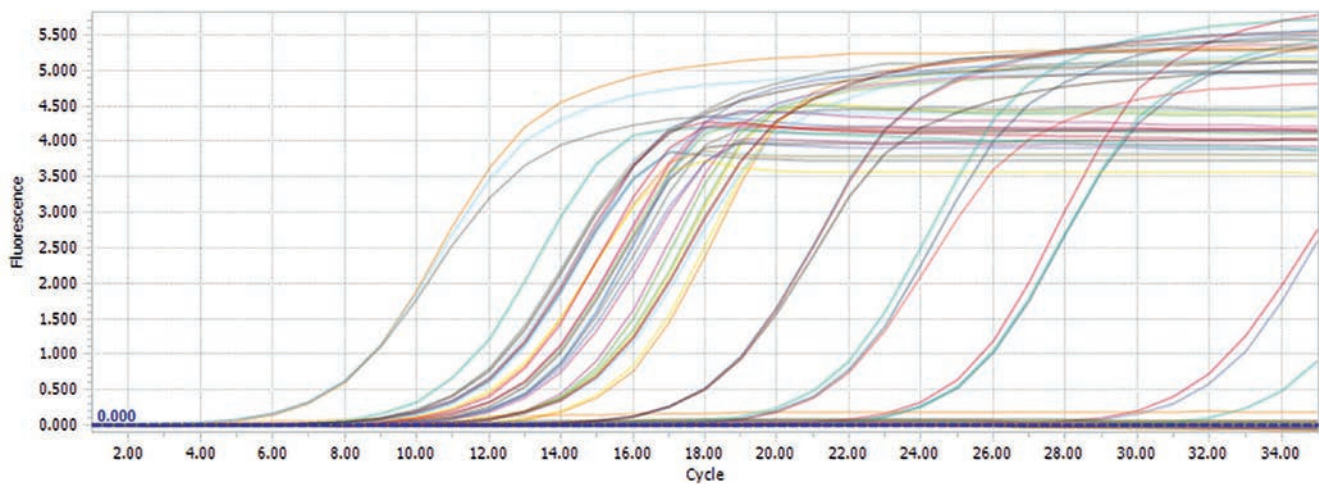
- ÚNICAS. Implementation of a Pediatric Network for Personalised Medicine in rare pediatric diseases. A Pilot Project.
 - PI: Eduardo López Laso
 - File: PMP22/00008
- Characterization and validation of new therapeutic, diagnostic and prognostic targets in Pseudomyxoma Peritonei.
 - PI: Álvaro Arjona Sánchez
 - File: PI22/01213
- 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
- Integrated analysis using omics technologies and artificial intelligence for the identification and implementation of personalized medicine tools in spondyloarthritis.
 - PI: Eduardo Collantes Estevez
 - File: PMP21/00119
- Aortic stenosis immunopathology (ASim)
 - PI: Alejandra Pera Rojas
 - File: PI19/00075
- 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
- Emergence of community-onset carbapenemase-producing K. pneumoniae hospital-acquired infection: impact of SARS-CoV-2 control measures in social-health centers (KLEBMAN).
 - PI: Julian Carlos de la Torre Cisneros
 - File: PI21/01199
- Epigenetic and repair functions of DNA base excision.
 - PI: M^a Teresa Roldán Arjona
 - File: PID2022-140458NB-I00
- e2-ducass digital tool intervention: bringing the health literacy to vulnerable populations for promoting physical activity, healthy diet patterns and mental and cardiovascular health.
 - PI: Elena Yuvero Serrano
 - File: ERA4Health-2023-01
- 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
- SMARTCLOTH. Design, implementation, and study of the effectiveness of a digital tablecloth for self-management of diet in diabetic patients.
 - PI: Guillermo Molina Recio
 - File: PI21/01602

COURSES AND WORKSHOPS

Courses offered during 2024:

- Seminar at the HURS Pharmacy Unit: Introduction to Biostatistics (2 hours).
- 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 - Contract financed with FIBICO-IMIBIC’s own funds.

María Sedano Gámiz

Technical Specialist - Recipient of a contract from 2021 Call for “Programa Investigo” (MITES).

Pilar Rubín González de Canales

Laboratory Technician - Recipient of a competitive contract from the 2020 Call for “Ayudas para Personal Técnico de Apoyo” (MICINN).

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)

This year, the Unit has incorporated a new NGS platform: NextSeq 2000, so it 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, as in the case of the Prosigna-PAM50 test, make NCounter a tool of great interest for clinical use.

• Single-cell technologies

The Unit currently 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 recently incorporated 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 (Prosigna™) 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): Rare mutation detection by ddPCR and analysis of SNVs, Indels, CNVs and fusions 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 (epidemiological monitoring protocol)
- RNA-Seq
- Single-cell RNA-Seq and single-nuclei RNA-Seq
- ATAC-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 2024, the Genomics Unit continued the trend of a steady increase in the number of projects and users since its creation in 2015; 25.398 research and clinical diagnostic samples were analysed in 2024 with the Unit’s technologies and 178 users were supported. These users belonged to 27 of the 48 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 4 Departments of Reina Sofia University Hospital (Pathological Anatomy, Oncology, Hematology and Microbiology). In addition, several external

centers have requested our services, such as UCM-Complutense University of Madrid, UCLM-University of Castilla-La Mancha, 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.

The previously implemented protocols and services have been improved in accordance with the principles of good laboratory practice (GLP) to guarantee the quality, reproducibility and reliability of the results. The new NGS platform incorporated to the Unit have been put into operation and new NGS-based services have been developed, such as DNA methylation analysis, single-cell RNA-Seq and single-nuclei RNA-Seq.

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 2024, The Genomics Unit has been re-certified in according to the ISO 9001:2015 standards for its quality management system.

NUMBER OF IMIBIC USERS: **178 (27 IMIBIC GROUPS)**

NUMBER OF EXTERNAL USERS: **19 (11 EXTERNAL CENTRES)**

NUMBER OF PUBLICATIONS: **16**

COURSES AND TRAINING SESSIONS: **8**

FEATURED ARTICLES

A total of 16 scientific articles were published in 2024 using the services and equipment of the Genomics Unit, including the following:

- Exploring candidate biomarkers for rheumatoid arthritis through cardiovascular and cardiometabolic serum proteome profiling. Cuesta-López L, Escudero-Contreras A, Hanaee Y, Pérez-Sánchez C, Ruiz-Ponce M, Martínez-Moreno JM, Pérez-Pampin E, González A, Plasencia-Rodríguez C, Martínez-Feito A, Balsa A, López-Medina C, Ladehesa-Pineda L, Rojas-Giménez M, Ortega-Castro R, Calvo-Gutiérrez J, López-Pedreira C, Collantes-Estévez E, Arias-de la Rosa I, Barbarroja N. Front Immunol. 2024 Feb 14;15:1333995. doi: 10.3389/fimmu.2024.1333995. PMID: 38420123; PMCID: PMC10900234. (GC05)
- Sex-specific differences in intestinal microbiota associated with cardiovascular diseases. Garcia-Fernandez H, Arenas-de Larriva AP, Lopez-Moreno J, Gutierrez-Mariscal FM, Romero-Cabrera JL, Molina-Abril H, Torres-Peña JD, Rodriguez-Cano D, Malagon MM, Ordoñas JM, Delgado-Lista J, Perez-Martinez P, Lopez-Miranda J, Camargo A. Biol Sex Differ. 2024 Jan 19;15(1):7. doi: 10.1186/s13293-024-00582-7. PMID: 38243297; PMCID: PMC10797902. (GC09)
- Localization, traffic and function of Rab34 in adipocyte lipid and endocrine functions. López-Alcalá J, Gordon A, Trávez A, Tercero-Alcázar C, Correa-Sáez A, González-Rellán MJ, Rangel-Zúñiga OA, Rodríguez A, Membrives A, Frühbeck G, Nogueiras R, Calzado MA, Guzmán-Ruiz R, Malagón MM. J Biomed Sci. 2024 Jan 5;31(1):2. doi: 10.1186/s12929-023-00990-8. PMID: 38183057; PMCID: PMC10770960. (GC11)
- Comparative effects of calcitriol and calcimimetic on bone health in renal insufficiency. Díaz-Tocados JM, Rodríguez-Ortiz ME, Herencia C, López-Baltanás R, Jurado-Montoya D, García-Saez RM, Valdés-Díaz K, Martínez-Moreno JM, Santamaría R, Pendón-Ruiz de Mier MV, Rodelo-Haad C, Frazão JM, Felsenfeld AJ, Rodríguez M, Almadén Y, Muñoz-Castañeda JR. FASEB J. 2024 Jun 15;38(11):e23726. doi: 10.1096/fj.202302704R. PMID: 38847773. (GC13)
- Evolving Risk Classifications in AML in a Real-Life Scenario: After Changes upon Changes, Is It More and More Adverse? Aparicio-Pérez C, Prados de la Torre E, Sanchez-Garcia J, Martín-Calvo C, Martínez-Losada C, Casaño-Sanchez J, Serrano-López J, Serrano J. Cancers (Basel). 2023 Feb 23;15(5):1425. doi: 10.3390/cancers15051425. PMID: 36900222; PMCID: PMC10001051. (GC16)
- The HIV-1 reservoir landscape in persistent elite controllers and transient elite controllers Gasca-Capote C, Lian X, Gao C, Roseto IC, Jiménez-León MR, Gladkov G, Camacho-Sojo MI, Pérez-Gómez A, Gallego I, Lopez-Cortes LE, Bachiller S, Vitalle J, Rafii-El-Idrissi Benhnia M, Ostos FJ, Collado-Romacho AR, Santos J, Palacios R, Gomez-Ayerbe C, Muñoz-Medina L, Ruiz-Sancho A, Frias M, Rivero-Juarez A, Roca-Oporto C, Hidalgo-Tenorio C, Rull A, Olalla J, Lopez-Ruz MA, Vidal F, Viladés C, Mastrangelo A, Cavassini M, Espinosa N, Perreau M, Peraire J, Rivero A, López-Cortes LF, Lichterfeld M, Yu XG, Ruiz-Mateos E.. J Clin Invest. 2024 Feb 20;134(8):e174215. doi: 10.1172/JCI174215. PMID: 38376918; PMCID: PMC11014653. (GC26)

- Dysregulation of RNA-Exosome machinery is directly linked to major cancer hallmarks in prostate cancer: Oncogenic role of PABPN1. Sáez-Martínez P, Porcel-Pastrana F, Montero-Hidalgo AJ, Lozano de la Haba S, Sanchez-Sanchez R, González-Serrano T, Gómez-Gómez E, Martínez-Fuentes AJ, Jiménez-Vacas JM, Gahete MD, Luque RM. Cancer Lett. 2024 Mar 1;584:216604. doi: 10.1016/j.canlet.2023.216604. Epub 2024 Jan 19. PMID: 38244911. (GC27)
- SUMOylation controls Hu antigen R posttranscriptional activity in liver cancer. Lachiondo-Ortega S, Rejano-Gordillo CM, Simon J, Lopitz-Otsoa F, C Delgado T, Mazan-Mamczarz K, Goikoetxea-Usandizaga N, Zapata-Pavas LE, García-Del Río A, Guerra P, Peña-Sanfélix P, Hermán-Sánchez N, Al-Abdulla R, Fernandez-Rodríguez C, Azkargorta M, Velázquez-Cruz A, Guyon J, Martín C, Zalamea JD, Egia-Mendikute L, Sanz-Parra A, Serrano-Maciá M, González-Recio I, Gonzalez-Lopez M, Martínez-Cruz LA, Pontisso P, Aransay AM, Barrio R, Sutherland JD, Abrescia NGA, Elortza F, Lujambio A, Banales JM, Luque RM, Gahete MD, Palazón A, Avila MA, G Marin JJ, De S, Daubon T, Díaz-Quintana A, Díaz-Moreno I, Gorospe M, Rodríguez MS, Martínez-Chantar ML. Cell Rep. 2024 Mar 26;43(3):113924. doi: 10.1016/j.celrep.2024.113924. Epub 2024 Mar 18. PMID: 38507413; PMCID: PMC11025316. (GC30)
- Undetectable circulating tumor DNA confirms the inability of pseudomyxoma peritonei to systemic dissemination. Villarejo Campos P, Vázquez-Borrego MC, Martínez-Quintanilla J, Cabot D, Romero-Ruiz A, Granados-Rodríguez M, Bura FI, García-Arranz M, García-Olmo D, Arjona-Sánchez A. Eur J Surg Oncol. 2024 May 9;50(7):108395. doi: 10.1016/j.ejso.2024.108395. Epub ahead of print. PMID: 38735236. (GE09)

COURSES AND WORKSHOPS

Specific training for research groups in experimental design, technical applications and data analysis related to Unit equipment:

- Training in data analysis using R-based software, NSolver: Groups GC06 and GE05
- Training in the Nanostring custom panel design: Group GE05
- Training in ddPCR data analysis using QuantaSoft analysis software: Group GC06
- Training in NGS data analysis using BaseSpace Sequence Hub: Groups GC02, GC05, GC06 and GC30
- Training in qPCR data analysis using LC96, QS5, QS7 Flex and Biomark HD analysis software: Groups GC02, GC05, GC06, GC07, GC09, GC11, GC13, GC16, GC27, GC29, GC30 and GC31

In addition, several dissemination actions have been carried out:

- Technical seminars such as: “*Creación de mapas biológicos completos*”, in collaboration with the company IZASA Scientific
- Technical workshops such as “*Un Café con las UCAIBs*”, in collaboration with other IMIBIC Core Facilities
- Open days for different colleges and associations

12.8 CLINICAL RESEARCH UNIT



STAFF

Juan de la Haba Rodríguez, PhD
Clinical Research Coordinator

Samuel Hidalgo Ríos, MD (till june 2024)
Jaime Monserrat Villatoro, MD (from july 2024)
Clinical Pharmacologist

José Carlos Garrido Gracia, PhD
María Ruiz García
Javier Barba Ramírez
Rodrigo Rayo Castillo
Lourdes Alcaide Ruggiero
Clinical Trial Managers

Marta Checa Expósito
Teresa Caballero Villarraso
Juan María Marín Fernández
María Dolores Díez Ruano
Miguel Puentes Aguado
María Estela Mayen Jiménez
Carmen María Jiménez Ríos
Nurses

Rafaela Vacas Bueno
Rubén Sánchez Nieves
Inmaculada Gálvez Membrives
Elena Parrado González
Inmaculada Gálvez Membrives
Nursing Assistants

BRIEF DESCRIPTION

The IMIBIC Clinical Research Unit promotes clinical research at the IMIBIC and Reina Sofia University Hospital and also 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 Late Phase Clinical Research Unit, located at General Hospital mainly dedicated to phase III-IV studies.

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

» LATE PHASES 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 storerooms 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

- NUMBER OF NEW PHASE I AND II CLINICAL TRIALS: **38 (5 phase I)**
- NUMBER OF NEW INDEPENDENT CLINICAL STUDIES (CLINICAL TRIALS, OBSERVATIONAL STUDIES AND CLINICAL INVESTIGATIONS WITH MEDICAL DEVICES) PROMOTED BY IMIBIC INVESTIGATORS: **5**
- NUMBER OF CLINICAL TRIALS (MANAGEMENT AND/OR MONITORING BY CLINICAL RESEARCH UNIT): **35**
- 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: **5.477 m€ (invoicing) and 8.070 m€ (total volume of financial reports signed)**
- PHARMA OR CRO CLINICAL TRIALS PROPOSALS RECEIVED BY CLINICAL RESEARCH UNIT AND REDIRECTED TO INVESTIGATORS: **178**
- CRO CONTRACTS FOR EXTERNAL SPONSORS: **5**

FEATURED ARTICLES

1. Arjona-Sánchez A. Neoadjuvant therapy, cytoreductive surgery and HIPEC in locally advanced colon cancer: Are we ready for a change in approach? Cir Esp (Engl Ed). 2024 May;102(5):241-242. doi: 10.1016/j.cireng.2023.11.016. Epub 2024 Jan 13. PMID: 38224769.

2. Villarejo Campos P, Vázquez-Borrego MC, Martínez-Quintanilla J, Cabot D, Romero-Ruíz A, Granados-Rodríguez M, Bura FI, García-Arranz M, García-Olmo D, Arjona-Sánchez A. Undetectable circulating tumor DNA confirms the inability of pseudomyxoma peritonei to systemic dissemination. Eur J Surg Oncol. 2024 Jul;50(7):108395. doi: 10.1016/j.ejso.2024.108395. Epub 2024 May 9. PMID: 38735236.

3. Ruiz-Arabi E, Torre-Cisneros J, Aguilera V, Alonso R, Berenguer M, Bestard O, Bodro M, Cantisán S, Carratalà J, Castón JJ, Cordero E, Facundo C, Fariñas MC, Fernández-Alonso M, Fernández-Ruiz M, Fortún J, García-Cosío MD, Herrera S, Iturbe-Fernández D, Len O, López-Medrano F, López-Oliva MO, Los-Arcos I, Marcos MÁ, Martín-Dávila P, Monforte V, Muñoz P, Navarro D, Páez-Vega A, Pérez AB, Redondo N, Álvarez R R, Rodríguez-Benot A, Rodríguez-Goncer I, San-Juan R, Sánchez-Céspedes J, Valerio M, Vaquero JM, Viasus D, Vidal E, Aguado JM. Management of cytomegalovirus in adult solid organ transplant patients: GESITRA-IC-SEIMC, CIBERINFEC, and SET recommendations update. Transplant Rev (Orlando). 2024 Dec;38(4):100875. doi: 10.1016/j.trre.2024.100875. Epub 2024 Aug 5. PMID: 39168020.

4. Páez-Vega A, Vaquero-Barrios JM, Ruiz-Arabi E, Iturbe-Fernández D, Alonso R, Ussetti-Gil P, Monforte V, Pastor A, Fernández-Moreno R, Mora VM, Erro-Iribarren M, Quezada CA, Berastegui C, Cifrian-Martínez JM, Cano A, Castón JJ, Machuca I, Lobo-Acosta MA, Gutiérrez-Gutiérrez B, Cantisán S, Torre-Cisneros J; CYTOCOR study group. 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 Reg Health Eur. 2025 Mar 26;52:101268. doi: 10.1016/j.lanepe.2025.101268. PMID: 40224372; PMCID: PMC11992424.

KEY CLINICAL TRIALS (MANAGEMENT AND MONITORING BY CLINICAL RESEARCH UNIT)

1. Estrategias de control y estudio fármaco-genético para el tratamiento personalizado del hígado graso asociado a disfunción metabólica en pacientes con prediabetes (PROMETEO-HG). N° de EudraCT: 2021-000152-19. 5 participating sites, 369 subjects recruited. Sponsor: CIBER. Clinical Research Unit as sub-contractor. Study included in SCRn Platform.

2. A Prospective, randomized, single blind, multicenter Phase III study on organ preservation with Custodiol-N solution compared with Custodiol solution in liver transplantation. Eudra-CT Number: 2019-001872-12. 7 participating sites, 143 subjects recruited. Sponsor: Dr. Franz Köhler Chemie GmbH. Clinical Research Unit as sub-contractor.

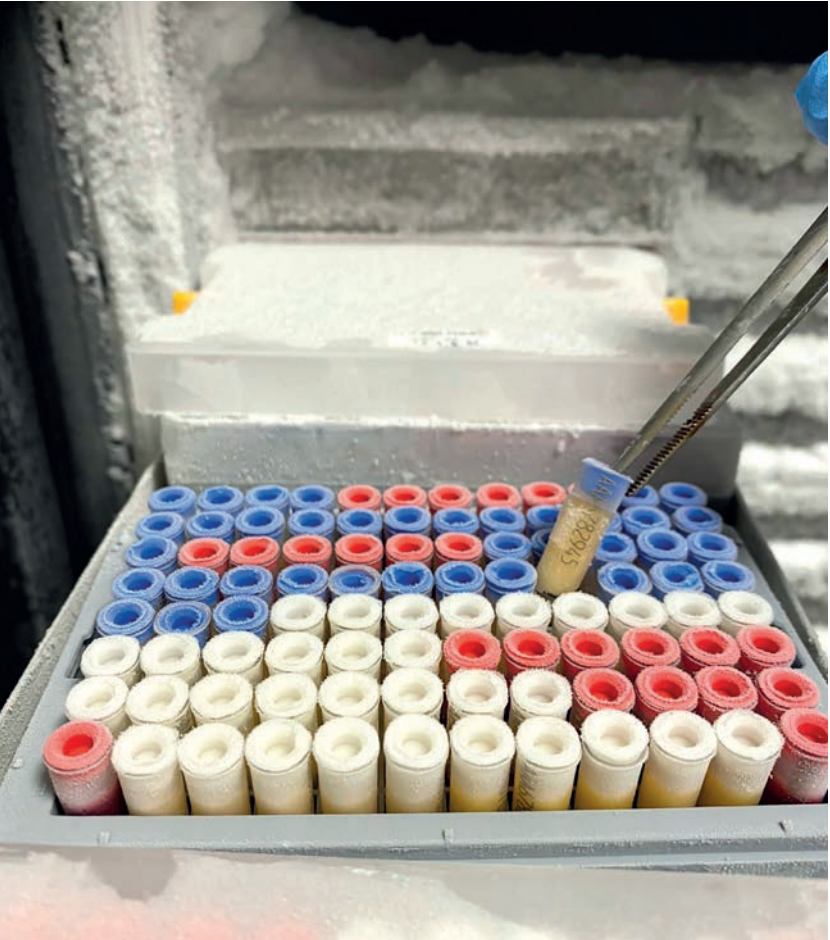
3. REMAP-CAP: Randomized, Embedded, Multifactorial Adaptive Platform trial for Community-Acquired Pneumonia. N° EudraCT: 2015-002340-14. 5 participating sites, 84 subjects included. Sponsor: University of Utrech. Clinical Research Unit as sub-contractor.

- 4. 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
- 5. A Phase IIa Open Label, Dose-Finding, Clinical Trial to Evaluate Safety, Tolerability and Preliminary Efficacy of Etrinabdone in Patients with Peripheral Arterial Disease (PAD). Sponsor: VivaCell Biotechnology España S.L.U. Clinical Research Unit as sub-contractor

COURSES AND WORKSHOPS

- 1. Basics in Clinical Research Documentation – 22-JAN-2024.
- 2. Basic Contents on Clinical Trials: Service of Maxillofacial Surgery – 6-FEB-2024.
- 3. Clinical Trials: a tool of clinical Research – 8-FEB-2024.
- 4. Basic Contents on Clinical Trials: Service of Mental Health – 8-JUN-2024.
- 5. Basic Contents on Clinical Trials: I+D+I Department – 4-JUL-2024.
- 6. Workshop on practical cases in clinical trials – 29-OCT-2024.
- 7. Master in Traslacional Biomedical Research: clinical trials module: University of Córdoba – 14-NOV-2024
- 8. Good Clinical Research Documentation Practices (IMIBIC) -10-DEC-2024.

12.9 BIOBANK UNIT



STAFF

- Rosa Mª Ortega Salas, PhD**
Scientific Manager
- Fernando López López**
Technician
- Rocío Muñoz Rodríguez**
Technician
- Marta Chacón Gámiz (until April 2024)**
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. SRSF6 modulates histone-chaperone HIRA splicing to orchestrate AR and E2F activity in prostate cancer. Antonio J Montero-Hidalgo et al. PMID: 39356765
2. Dysregulation of RNA-Exosome machinery is directly linked to major cancer hallmarks in prostate cancer: Oncogenic role of PABPN1. Prudencio Sáez-Martínez et al. PMID: 38244911.
3. SUMOylation controls Hu antigen R posttranscriptional activity in liver cancer. Sofia Lachiondo.Ortega et al. PMID: 38507413.
4. Altered CELF4 splicing factor enhances pancreatic neuroendocrine tumors aggressiveness influencing mTOR and everolimus response. Emilia Alors-Pérez et al. PMID: 38187140.
5. Deep representation learning of tissue metabolome and computed tomography annotates NSCLC classification and prognosis. Marc Boubnovski Martell et al. PMID: 38310164
6. Comparison of hepatitis B and SARS-CoV2 vaccination rates in people who attended Drugs and Addiction Centres. Diana Corona Mata et al. PMID: 38292385.
7. Intra-tumoural bromelain and N-acetylcysteine for recurrent and unresectable pseudomyxoma peritonei: phase I/II trial. Lidia Rodríguez-Ortiz et al. PMID: 38477594.
8. Inflammation-suppressing cornea-in-a-syringe with anti-viral GF19 peptide promotes regeneration in HSV-1 infected rabbit corneas. Egidijus Simoliunas et al. PMID: 38429307.

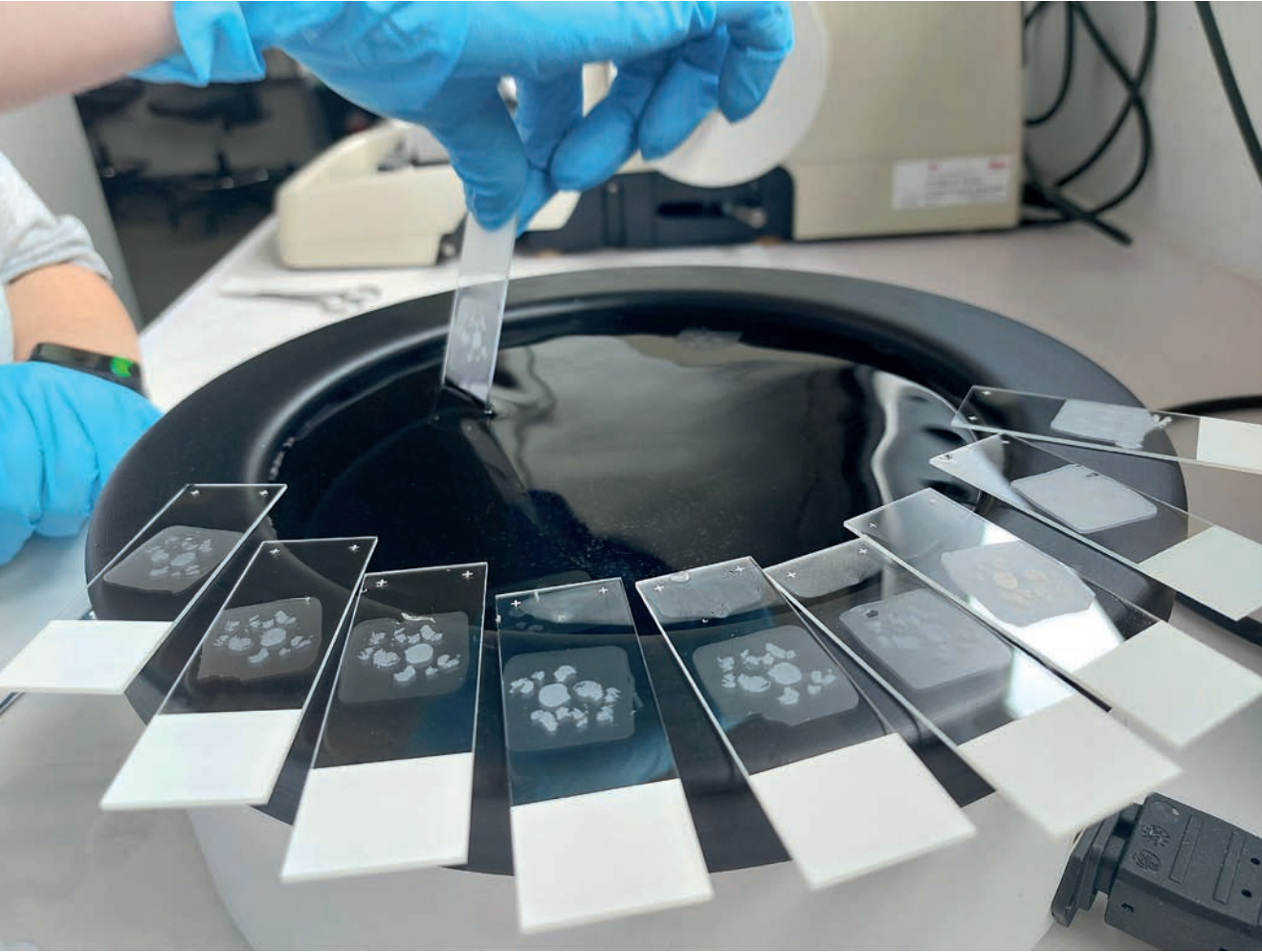
PROJECTS

Public aid for public-private collaboration projects, of the State Programme to Promote Scientific and Technical Research and its Transfer, of the State Plan for Scientific, Technical and Innovation Research 2021-2023, within the framework of the Recovery, Transformation and Resilience Plan, and the call for early processing corresponding to the year 2021. File code CPP2021-008897.

COURSES AND WORKSHOPS

Workshop “Ethical and legal aspects in the management and use of human biological samples in research projects”. 3rd edition. 16 and 17 September 2024.

12.10 GENERAL PROCEDURES UNIT



STAFF

Esther Rivero Cortés

Senior Technical Specialist- Head of Unit

Sandra González Prieto

Histology Technician, INVESTIGO21_028

María García Cruz

Lab Technician, INVESTIGO_SAE21

BRIEF DESCRIPTION

The Central Unit for General Procedures provides comprehensive support to ensure the optimal and efficient operation 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 safety regulations and best practices in scientific work environments.

The Unit promotes the optimization of available resources and actively participates in strategic planning aimed at the development and technological adaptation of scientific spaces and equipment. All of this is done with the purpose of ensuring the continuous operability of experimental procedures, compliance with high standards of quality and good laboratory practices, and the responsible and sustainable use of specialized scientific equipment.

» HISTOLOGY SERVICE

The Unit also offers a specialized histology service, for which it has a fully equipped laboratory with specific technology 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 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 Combi 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
- Memmert UN110 Oven
- Memmert UN110 Oven
- Selecta Bag Sealer
- Selecta Omni GLH 02 Homogenizer
- Selecta Omni GLH 02 Homogenizer
- Selecta Ultrasons Ultrasonic Bath
- Omni Sonic RUPTOR 400 Sonicator
- Milli-Q Merck Millipore Q-POD Water Dispenser
- Liebherr Combi 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 Combination Refrigerator for Conservation at 4°C and -20°C
- Burdinola BST 1500 Gas Extraction Hood
- 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 Western Blot Developer
- Comecta S-100D Stirred Oven
- Liebherr Combination Refrigerator for Conservation at 4°C and -20°C
- Liebherr Combination Refrigerator for Conservation at 4°C and -20°C
- 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 emergency sample storage capacity in ultrafreezers, to efficiently manage available space in the event of equipment failure or malfunction in the research groups’ storage units.
- Cross functional support to optimize resources in strategic planning and the technological adaptation of IMIBIC’s laboratories and scientific-technical 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: **77 (9 RESEARCH GROUPS)**
NUMBER OF EXTERNAL USERS: **2 (UNIVERSITY OF CORDOBA)**
NUMBER OF PUBLICATIONS: **1**
NUMBER OF ONGOING PROJECTS: **10**
COURSES AND TRAINING SESSIONS: **14**
NUMBER OF MEETINGS WITH IMIBIC GROUPS: **2**

FEATURED ARTICLES

1. Sampedro-Nuñez M, Herrera-Martínez AD, Ibáñez-Costa A, **Rivero-Cortés E**, Venegas E, Robledo M, Martínez-Hernández R, García-Martínez A, Gil J, Jordà M, López-Fernández J, Gavilán I, Maraver S, Marqués-Pamies M, Cámara R, Fajardo-Montañana C, Valassi E, Dios E, Aulinas A, Biagetti B, Álvarez Escola C, Araujo-Castro M, Blanco C, Paz M, Villar-Taibo R, Álvarez CV, Gaztambide S, Webb SM, Castaño L, Bernabéu I, Picó A, Gálvez MÁ, Soto-Moreno A, Puig-Domingo M, Castaño JP, Marazuela M, Luque RM; Integrative Clinical, Hormonal and Molecular Data associate with Invasiveness in Acromegaly: REMAH Study. Eur J Endocrinol 2024. 190(6):421-433. FI: 5.8 (Q1)

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. GETNE-JR-2022-01 (GC08).
4. CPP2021-008338 Study of a new therapeutic strategy for the treatment of PCOS – polycystic ovary syndrome. (GC10).
5. DTS20/00117 Development and validation of new nanodrugs for the treatment of obesity- and hypogonadism-associated metabolic disease. GGRKO-hipogonadism (GC10).
6. Vivacell Merlon (GC10).
7. Comprehensive study of the mechanisms associated with diet-induced reversal of obesity and diabetes. (CROSS-PRO-FAT) (GC27).
8. 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).
9. 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).
10. PI20/00375 Novel mechanisms and therapeutic targets involved in the progression of hemoglobin associated renal damage (GE06).

COURSES AND WORKSHOPS

- Course on Waste Management at IMIBIC, on the Moodle platform.
- IMIBIC Trébol Programme.
- Session 1: “A Coffee with UCAIB”.
- Visit to the Histology Laboratory by IES Wenceslao Benítez, Cádiz.
- Visit to the Histology Laboratory by a group of Greek students.
- Visit to the Histology Laboratory by IES Sancti Petri, Cádiz.
- Session 2: “A Coffee with UCAIB-GC26”.
- 7 training sessions for the use of histology equipment.

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

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: 54
NUMBER OF EXTERNAL USERS: 245
NUMBER OF ONGOING PROJECTS: 12
COURSES AND TRAINING SESSIONS: 15
PRIZES OR GRANTED RECEIVED: 1
REGISTERED PATENTS: 5
NUMBER OF MEETINGS WITH IMIBIC GROUPS: 19
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 2024)/ Grants call of guidelines developed by non-profit entities which encourage the social economic development of the municipality in 2024.
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.

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)

12.12 3D BIOPRINTING UNIT



STAFF

Gema García Jurado, PhD

Head of Unit. – Contract, ISCIII Biobanks and Biomodels Platform. PT20/00079.

Alvaro Carrasco Carmona, PhD

Senior Technical Specialist – Contract, Investigo Program (2021-C23.I01.P03.S0020-0000004).

BRIEF DESCRIPTION

3D bioprinting is a revolutionary technology that combines tissue engineering with additive manufacturing to create three-dimensional biological structures.

Our 3D bioprinting unit is dedicated to advancing research, innovation and clinical application of this cutting-edge technology.

Our main objectives are:

- To facilitate advances in regenerative and personalised medicine.
- To develop innovative biomedical solutions for diverse clinical applications.
- To collaborate with academic institutions, hospitals, and companies to translate research into viable products and therapies.

EQUIPMENT AND FACILITIES

» REG4LIFE BIOPRINTER (REGEMAT 3D)

- Biomaterials extrusion from -20 to 100°C
- Thermoplastic extrusion up to 250°C
- Biomaterials light-curing by Ultraviolet light 365nm and 405nm
- Syringes with 0.15 mm, 0.58 mm and 1.20 mm output diameters
- Real resolution in the X e Y axis (spindel movement) = 150 µm (0.15mm); Resolution in Z = 400 nm (0.4 microns). Theoretical resolution in the X and Y axis = 1.875 microns – 1875 nm
- Extrusion, bicomponent, coaxial, refrigerated, heated and high temperature syringes available
- Glass plate, Petri dish and multiwell as printing surfaces
- Automatic X, Y and Z calibration

» APPLICATIONS

- Tissue and Organ Engineering: Tissue regeneration, Functional organs.
- Personalised medicine: Patient-specific tissue models.
- Drug Development: Tissue models for testing, Toxicity testing.
- Research in Biology and Medicine: Studies on disease, regeneration and development.
- Prosthetics and Medical Devices: Customised prostheses, Medical implants.
- Cosmetics: Product testing.

MAIN SERVICES

Providing scientific and technical support throughout the entire bioprinting process, including both pre and post-bioprinting phases:

- Pre-bioprinting: Developing and implementing bioprinting assays and applications according to the user needs.
- Bioprinting: establishing the bioprinting parameters.
- Post-bioprinting: characterisation and biological evaluation of the bioprinted scaffold (cell viability, cell metabolisms and differentiation).

KEY FACTS

The 3D bioprinting Unit belongs to the3D (BIO) Printing HUB to the ISCIII Biobanks and Biomodels Platform, supporting R & D+ i in Biomedicine and Health Sciences, Strategic Health Action 2017-2020. File code PT20/00079.

The 3D BIOPRINTING HUB of the ISCIII Biobanks and Biomodels Platform contains 15 units spread all around our country in order to offer the highest level of cutting-edge quality and consulting services and delivery of 3D bioprinting and printing services as well as numerous experimental techniques.

NUMBER OF IMIBIC USERS: **2**

NUMBER OF EXTERNAL USERS: **1 (UNIVERSITY OF CORDOBA)**

COURSES AND TRAINING SESSIONS: **1**

NEW INTERNAL SERVICES: **3**

PROJECTS

“Pruebas de validación biológica de hidrogeles funcionales basados en nanocelulosa”. IX PLAN PROPIO GALILEO, MODALIDAD IIB. Investigador: Eduardo Espinosa Víctor. Química Inorgánica e Ingeniería Química, Universidad de Córdoba.

13

COMMUNICATION & RRI

- Number of events: **62**
- Number of news items in mass media: **>500**
- Number of website visits: **891.843**
- Number of visits to IMIBIC:
 - Institutional: **12**
 - Educational: **52**
- Number of people visiting IMIBIC: **1.763**
- Interaction data on social media: **>1,000,000**

IMIBIC - RRI ACTIONS IN 2024

» **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 2024.** These visits are aimed, for the most part, at upper-level secondary school students (Bachillerato and ESO). During 2024, IMIBIC hosted 34 visits as part of this programme, with a total of 714 students and 70 teachers. Various educational centres from our city took part in these visits, among them: IES El Sauce, IES Blas Infante, IES Francisco de los Ríos, IES Fuensanta, Colegio Británico de Córdoba and IES 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 13 consecutive years. The Institute participated in 13 organised visits, which were attended by 365 high school students and 22 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 2024, IMIBIC hosted 16 visits as part of this programme, with a total of 294 students and 29 teachers. Several educational centres in our city took part in these visits, such as, IES La Fuensanta, Centro Docente Privado Salvador de Córdoba, IES Sancti Petri and MEDAC.
- **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 Facultad de Medicina y Enfermería of the University of Cordoba. During 2024, IMIBIC hosted visits as part of this programme, with a total of 118 students and 1 lecturers.

Projects and events related to Responsible Research and Innovation (RRI) carried out or held during 2024 included, among others:

- **The E-ducass project:** this project was funded by the ISCIII as part of the Strategic Action in Health. The project is aligned with health literacy and focuses on novel solutions for vulnerable populations with health inequalities.
- **European Researchers Night:** En 2024, este acto estuvo dirigido principalmente a pacientes pertenecientes a distintas asociaciones, para quienes se organizó una sesión titulada “Invierte en Nutrición y ahorrarás en medicinas”.
- **“Transformando la Salud” Campaign.** On the occasion of World Health Day, 7 April 2024, we developed an initiative to raise awareness of the importance of clinical research. The main objective of this action was to inform and raise awareness in society about the importance and functioning of clinical trials in the advancement of medicine and the improvement of public health.
- **“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.
- **“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.
- **IMIBIC Awareness Campaign: Día Mundial del Cáncer de Mama: “Junt@s por la vida”:** In 2024, for Breast Cancer Day, this campaign was carried out to remind us of the importance of prevention and research in the fight against this disease. Awareness-raising videos were produced by specialists from IMIBIC, the Reina Sofia University Hospital and the University of Cordoba. Staff were also encouraged to take part in a photography competition in order for the campaign to have a greater impact.
- **World Obesity Day campaign:** For this day, we carried out a campaign on Instagram, giving followers of this social network the opportunity to ask questions about this pathology and, subsequently, these questions were answered by specialists in this area through videos that were published in this space.
- **Training session: “Prevención de riesgos en salud sexual”:** It was organised with the collaboration of the Delegation of Equality of the City Council of Cordoba. This event was attended by more than 65 students from IES Fidiana, IES Alhaken II and IES Medina Azahara in classroom mode and also had the streaming connection of 25 schools throughout the province of Cordoba.
- **Young Researchers’ Day.** The aim is to promote the exchange of knowledge and experience among young researchers on specific health problems, to promote translational research, to support quality training and to strengthen relations between professionals from different research groups.
- **II edition of the Biotech Hackathon:** In this event, challenges of the daily clinical practice of four Clinical Management Units of the HURS were presented: Digestive System, Paediatric Surgery, Oral and Maxillofacial Surgery and Cardiology and the students of the Polytechnic School of Cordoba created innovative devices, designed to meet the challenges of clinical practice presented.
- **Conference on clinical research in primary care.** This event was held in 2024 and was attended by patients from different associations and primary care professionals.
- **“¿Cuánto sabes de nutrición?”:** Instagram campaign that consisted of a carousel of images with questions about the best habits related to nutrition.
- **Neurology congress:** This congress was held in Palma del Río (Córdoba) on 2 February 2024 and was given by professionals from IMIBIC and the Reina Sofía University Hospital, in which issues related to neurodegenerative diseases, cerebrovascular accidents (CVA) and healthy ageing were addressed.
- **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.

14

GOALS FOR 2025



THE INSTITUTIONAL GOALS FOR THE YEAR 2025, APPROVED BY THE GOVERNING COUNCIL OF THE INSTITUTE, ARE AS FOLLOWS:

Propose to the Governing Board the lines and pillars on which the IMIBIC Strategic Plan 2026-2030 will be based.

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.

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.

Consolidate measures to encourage generational change in health care research groups and to promote the culture of clinical research

15.1 PUBLICATIONS

PUBLICATIONS	IMIBIC GROUP
Perez-Blanco A, Acevedo M, Padilla M, Gomez A, Zapata L, Barber M, Martinez A, Calleja V, Rivero MC, Fernandez E, Velasco J, Flores EM, Quindos B, Rodriguez ST, Virgos B, Nebra AC, Robles JC, Moya J, Trenado J, Garcia N, Vallejo A, Herrero E, Garcia A, Rodriguez ML, Garcia F, Lara R, Lage L, Gil FJ, Guerrero FJ, Meilan A, Del Prado N, Fernandez C, Coll E, Dominguez-Gil B. Assessing Outcomes of Patients Subject to Intensive Care to Facilitate Organ Donation: A Spanish Multicenter Prospective Study. TRANSPLANT INTERNATIONAL. 2024. -. DOI: 10.3389/ti.2024.12791. IF: 2,7 Q1 D2	GA01
Martell MB, Linton-Reid K, Hindocha S, Chen M, Moreno P, Alvarez-Benito M, Salvatierra A, Lee R, Posma JM, Calzado MA, Aboagye EO. Deep representation learning of tissue metabolome and computed tomography annotates NSCLC classification and prognosis. NPJ PRECISION ONCOLOGY. 2024. -. DOI: 10.1038/s41698-024-00502-3. IF: 6,8 Q1 D2	GA01
Moreno P, González-García J, Ruíz-López E, Alvarez A. Lung Transplantation in Controlled Donation after Circulatory-Determination-of-Death Using Normothermic Abdominal Perfusion. TRANSPLANT INTERNATIONAL. 2024. -. DOI: 10.3389/ti.2024.12659. IF: 2,7 Q1 D2	GA01
Mei J, Hu J, Krause EM, Chen-Yoshikawa TF, Alvarez A, Wang XJ. The efficacy of pulmonary rehabilitation training program for patients after lung transplantation. JOURNAL OF THORACIC DISEASE. 2024. 530-541. DOI: 10.21037/jtd-23-1774. IF: 2,1 Q3 D	GA01
Moragón EM, Costa LME, Hernandez JSC, Moncusí AD, Ruiz GM. A cross-sectional study to evaluate utility measure and health-related quality of life (HRQoL) among patients with severe uncontrolled asthma in Spain. JOURNAL OF ASTHMA. 2024. 27-38. DOI: 10.1080/02770903.2023.2241891. IF: 1,7 Q3 D	GA03
Entrenas-Castillo M, Entrenas-Costa LM, Pata MP, Jurado-Gamez B, Muñoz-Corroto C, Gomez-Rebollo C, Mira-Padilla E, Bouillon R, Quesada-Gómez JM. Calcifediol or Corticosteroids in the Treatment of COVID-19: An Observational Study. NUTRIENTS. 2024. -. DOI: 10.3390/nu16121910. IF: 4,8 Q1 D2	GA03
Castillo-Peinado LS, Calderón-Santiago M, Jurado-Gámez B, Priego-Capote F. Changes in human sweat metabolome conditioned by severity of obstructive sleep apnea and intermittent hypoxemia. JOURNAL OF SLEEP RESEARCH. 2024. -. DOI: 10.1111/jsr.14075. IF: 3,4 Q2 D3	GA03
Calañas-Continente A, Gutiérrez-Botella J, García-Currás J, Cobos MJ, Vaquero JM, Herrera A, Molina MJ, Gálvez MA. Global Leadership Initiative on Malnutrition-Diagnosed Malnutrition in Lung Transplant Candidates. NUTRIENTS. 2024. -. DOI: 10.3390/nu16030376. IF: 4,8 Q1 D2	GA03
de-Torres JP, Casanova C, Marín JM, Cabrera C, Marín M, Ezponda A, Cosío BG, Martínez C, Solanes I, Fuster A, Calle M, Gotera C, Feu-Collado N, Marin A, Alcaide AB, Sangro M, Bastarrika G, Celli BR. Impact of Applying the Global Lung Initiative Criteria for Airway Obstruction in GOLD Defined COPD Cohorts: The BODE and CHAIN Experience. ARCHIVOS DE BRONCONEUMOLOGIA. 2024. 10-15. DOI: 10.1016/j.arbres.2023.10.002. IF: 8,7 Q1 D1	GA03
Jurado-Robles I, Jurado-Gámez B, Collado NF, Molina-Luque R, Molina-Recio G. Influence of Comorbidity and Obesity on the Occurrence of Vascular Events in Obstructive Apnoea Treated with CPAP. NUTRIENTS. 2024. -. DOI: 10.3390/nu16183071. IF: 4,8 Q1 D2	GA03
Ruiz-Rull C, Jaén-Moreno MJ, del Pozo GI, Gómez C, Montiel FJ, Alcántara M, Carrión L, Chauca GM, Feu N, Guler I, Rico-Villademoros F, Camacho-Rodríguez C, Gutierrez-Rojas L, Mannino D, Sarramea F. Low lung function in Bipolar Disorder and Schizophrenia: a hidden risk. FRONTIERS IN PHYSIOLOGY. 2024. -. DOI: 10.3389/fphys.2024.1335798. IF: 3,2 Q2 D3	GA03

PUBLICATIONS	IMIBIC GROUP
Ruiz-Arabi E, Torre-Cisneros J, Aguilera V, Alonso R, Berenguer M, Bestard O, Bodro M, Cantisan S, Carratalà J, Castón JJ, Cordero E, Facundo C, Fariñas MC, Fernández-Alonso M, Fernández-Ruiz M, Fortún J, García-Cosío MD, Herrera S, Iturbe-Fernández D, Len O, López-Medrano F, López-Oliva MO, Los-Arcos I, Marcos MA, Martín-Dávila P, Monforte V, Muñoz P, Navarro D, Páez-Vega A, Pérez AB, Redondo N, Alvarez RR, Rodríguez-Benot A, Rodríguez-Goncer I, San-Juan R, Sánchez-Céspedes J, Valerio M, Vaquero JM, Viasus D, Vidal E, Aguado JM. Management of cytomegalovirus in adult solid organ transplant patients: GESITRA-IC-SEIMC, CIBERINFEC, and SET recommendations update. TRANSPLANTATION REVIEWS. 2024. -. DOI: 10.1016/j.trre.2024.100875. IF: 3,6 Q1 D3	GA03
del Castillo JJD, Cejas CMM, Guzmán EG, Pérez MAF. Bridge to transplant in single-ventricle anatomy: subpulmonary support with EXCOR ventricular assist device associated with pulmonary artery reconstruction. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY. 2024. -. DOI: 10.1093/ejcts/ezae174. IF: 3,1 Q1 D2	GA05
Flores-Rojas K, Gil-Campos M, Lacort-Peralta I, Párraga-Quiles MJ, Pastor-Villaescusa B. Donor and newborn profiles and their influence on donation volume and duration: a cross-sectional study in a Spanish human milk bank. INTERNATIONAL BREASTFEEDING JOURNAL. 2024. -. DOI: 10.1186/s13006-024-00661-w. IF: 2,9 Q1 D2	GA05
Rodriguez-Fernandez R, Xu ZH, Moreno-Galdó A, Sardón O, Rubi T, Castillo-Corullón S, Torres A, Corcuera P, Callejón AC, Perez G, Cortell I, Rovira-Amigo S, Pastor-Vivero MD, Mondejar-Lopez P, Perez-Frias J, Velasco V, Torres-Borrego J, Figuerola J, Blázquez OD, Garcia-Hernandez G, Tang L, Mejias A, Ramilo O. Longitudinal transcriptional immune profiles and persistent wheezing in moderate-to-late preterm infants. PEDIATRIC ALLERGY AND IMMUNOLOGY. 2024. -. DOI: 10.1111/pai.14261. IF: 4,3 Q1 D1	GA05
Olid-Cárdenas MJ, Lendínez-Jurado A, Monroy-Rodríguez G, Gómez-Perea A, Cano-Ortiz A, Ariza-Jiménez AB, García-Ruiz A, Jiménez-Cuenca P, Picón-César MJ, Leiva-Gea I. Real-World Use of Hybrid Closed-Loop Systems during Diabetes Camp: A Preliminary Study for Secure Configuration Strategies in Children and Adolescents. NUTRIENTS. 2024. -. DOI: 10.3390/nu16142210. IF: 4,8 Q1 D2	GA05
de Mier MVPR, Santamaría R, Moyano-Peregrín C, Gordillo JE, Salmoral-Chamizo A, López-López I, Rodelo-Haad C, Valle C, Membrives-González C, López-Ruiz DJ, Alvarez-Benito M, López-Baltanás R, Torralbo AI, Valdés-Díaz KC, García-Sáez RM, Jurado-Montoya D, Pinaglia-Tobaruela G, Martínez-Moreno JM, Martín-Malo A, Soriano S, Rodríguez M, Rodríguez-Ortiz ME, Muñoz-Castañeda JR. Bone and vascular effects of magnesium supplements in CKD patients (the MagicalBone Pilot Study). NEFROLOGIA. 2024. 721-730. DOI: 10.1016/j.nefro.2024.02.003. IF: 2 Q2 D5	GA08
Jurado, PBG; Herrero, JJE; Galera, MSL; Acosta, SB; García-Revillo, J; Ugalde, PF; Benito, MA. Current Status of the clinical role in Spanish interventional radiology: An online survey among the Spanish Society of Vascular and Interventional Radiology (SERVEI) members. EUROPEAN JOURNAL OF RADIOLOGY. 2024. -. DOI: 10.1016/j.ejrad.2024.111829. IF: 3,2 Q1 D3	GA08
Martell MB, Linton-Reid K, Hindocha S, Chen M, Moreno P, Alvarez-Benito M, Salvatierra A, Lee R, Posma JM, Calzado MA, Aboagye EO. Deep representation learning of tissue metabolome and computed tomography annotates NSCLC classification and prognosis. NPJ PRECISION ONCOLOGY. 2024. -. DOI: 10.1038/s41698-024-00502-3. IF: 6,8 Q1 D2	GA08
Murias E, Puig J, Serna-Candel C, Gonzalez EM, Moreu M, Jiménez-Gómez E, SanRoman L, Aparici-Robles F, Terceño M, Martínez AM, Aixut S, Romero V, Mendez JC, Sagredo-Barra A, Aguilar Y, de Rueda ME, Blázquez MAC, Bashir S, Castro JR, Lopez-Frías A, Jiménez JM, Chaviano J, Maestro V, Manso J, Lopez-Rueda A, Remollo S, Morales-Caba L, Comas-Cufí M, Vega P. Enhancing the First-Pass Effect in Acute Stroke: The Impact of Stent Retriever Characteristics. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13113123. IF: 3 Q1 D2	GA08
García-Martín A, Prados ME, Lastres-Cubillo I, Ponce-Díaz FJ, Cerero L, Garrido-Rodríguez M, Navarrete C, Pineda R, Rodríguez AB, Muñoz I, Moya J, Medeot A, Moreno JA, Chacón A, García-Revillo J, Muñoz E. Etrinabdone (VCE-004.8), a B55α activator, promotes angiogenesis and arteriogenesis in critical limb ischemia. JOURNAL OF TRANSLATIONAL MEDICINE. 2024. -. DOI: 10.1186/s12967-024-05748-w. IF: 6,1 Q2 D3	GA08

PUBLICATIONS	IMIBIC GROUP
Pérez EAH, Carnelli C, Gutierrez PA, Sánchez RG, Quesada JM. Future Challenges of Contrast Media in Radiology. RADIOLOGIA. 2024. S132-S141. DOI: 10.1016/j.rx.2024.05.012. IF: 1,1 Q3 D	GA08
Elías-Cabot E, Romero-Martín S, Raya-Povedano JL, Brehl AK, Alvarez-Benito M. Impact of real-life use of artificial intelligence as support for human reading in a population-based breast cancer screening program with mammography and tomosynthesis. EUROPEAN RADIOLOGY. 2024. 3958-3966. DOI: 10.1007/s00330-023-10426-4. IF: 4,7 Q1 D2	GA08
Muñoz-Barrera L, Perez-Sanchez C, Ortega-Castro R, Corrales S, Luque-Tevar M, Cerdó T, Sanchez-Pareja I, Font P, Lopez-Mejías R, Calvo J, Abalos-Aguilera MC, Ruiz-Vilchez D, Segui P, Merlo C, Perez-Venegas J, Montesino MDR, Rodriguez-Escalera C, Barco CR, Fernandez-Nebro A, Vazquez NM, Marengo JL, Montañes JU, Godoy-Navarrete J, Cabezas-Lucena AM, Estevez EC, Aguirre MA, González-Gay MA, Barbarroja N, Escudero-Contreras A, Lopez-Pedrerá C. Personalized cardiovascular risk assessment in Rheumatoid Arthritis patients using circulating molecular profiles and their modulation by TNFi, IL6Ri, and JAKinibs. BIOMEDICINE & PHARMACOTHERAPY. 2024. -. DOI: 10.1016/j.biopha.2024.116357. IF: 6,9 Q1 D1	GA08
Pérez-Sánchez S, Prieto AB, García MAG, Moniche F, Tomasello A, Delgado-Acosta F, González A, Montaner J. Predictive Factors for Stroke and TIA Following Carotid Artery Stenting. JOURNAL OF ENDOVASCULAR THERAPY. 2024. 814-820. DOI: 10.1177/15266028221144586. IF: 1,7 Q2 D5	GA08
Costa AF, Peral A, Bravo F, Fernández F, Valverde R. Prevalence of basilar artery dolichoectasia in patients with acute ischemic stroke or transient ischemic attack in a single center of Spain. REVISTA DE NEUROLOGIA. 2024. 269-276. DOI: 10.33588/rn.7810.2023298. IF: 0,8 Q4 D	GA08
Fernández-Valverde F, Bautista-Bárcena MP, Roldán-Romero E, Solivera-Vela J, Bravo-Rodríguez F, Ramos-Gómez MJ. Prognostic value of brain perfusion by MRI in the initial study of high grade gliomas. RADIOLOGIA. 2024. 114-120. DOI: 10.1016/j.rx.2022.12.001. IF: 1,3 Q3 D	GA08
Zapata-Arriaza E, Medina-Rodriguez M, Alvarez FM, de Alboniga-Chindurza A, Aguilar-Perez M, Ainz-Gomez L, Baena-Palomino P, Zamora A, Pardo-Galiana B, Delgado-Acosta F, Moyano RV, Jimenez-Gomez E, Rey IB, Fernandez RO, Escudero-Martinez I, Vielba-Gomez I, Caba LM, Perez JD, Molina EG, Mosteiro S, Rodrigo MDC, Pascasio LA, Hidalgo C, Guerrero MDF, Díaz EG, Moreno JMR, Prudencio LF, Izaga MT, Viturro SB, Gamero-García MA, Jorge SJ, Fernandez CR, Montaner J, García AG. Statistical analysis plan for the multicenter, open, randomized controlled clinical trial to assess the efficacy and safety of intravenous tirofiban vs aspirin in acute ischemic stroke due to tandem lesion, undergoing recanalization therapy by endovascular treatment (ATILA trial). TRIALS. 2024. -. DOI: 10.1186/s13063-023-07817-9. IF: 2 Q3 D	GA08
Hermán-Sánchez N, G-García ME, Jiménez-Vacas JM, Yubero-Serrano EM, López-Sánchez LM, Romero-Martín S, Raya-Povedano JL, Alvarez-Benito M, Castaño JP, Luque RM, Gahete MD. The splicing machinery is dysregulated and represents a therapeutic vulnerability in breast cancer. CELLULAR AND MOLECULAR LIFE SCIENCES. 2024. -. DOI: 10.1007/s00018-024-05515-6. IF: 6,2 Q1 D2	GA08
Pan MN, Pericet C, González-Manzanares R, Díaz MA, de Lezo JS, Hidalgo F, Alvarado M, Dueñas G, Gómez E, Espejo S, Perea J, Romero M, Ojeda S. Very long-term follow-up after aortic stenting for coarctation of the aorta. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 332-341. DOI: 10.1016/j.rec.2023.10.004. IF: 7,2 Q1 D2	GA08
Pan MN, Pericet C, González-Manzanares R, Díaz MA, de Lezo JS, Hidalgo F, Alvarado M, Dueñas G, Gómez E, Espejo S, Perea J, Romero M, Ojeda S. Very long-term follow-up after aortic stenting for coarctation of the aorta. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 332-341. DOI: 10.1016/j.rec.2023.10.004. IF: 7,2 Q1 D2	GA08
del Castillo JJD, Cejas CMM, Guzmán EG, Pérez MAF. Bridge to transplant in single-ventricle anatomy: subpulmonary support with EXCOR ventricular assist device associated with pulmonary artery reconstruction. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY. 2024. -. DOI: 10.1093/ejcts/ezae174. IF: 3,1 Q1 D2	GA09

PUBLICATIONS	IMIBIC GROUP
García-Martín A, Prados ME, Lastres-Cubillo I, Ponce-Díaz FJ, Cerero L, Garrido-Rodríguez M, Navarrete C, Pineda R, Rodríguez AB, Muñoz I, Moya J, Medeot A, Moreno JA, Chacón A, García-Revillo J, Muñoz E. Etrina bdione (VCE-004.8), a B55α activator, promotes angiogenesis and arteriogenesis in critical limb ischemia. JOURNAL OF TRANSLATIONAL MEDICINE. 2024. -. DOI: 10.1186/s12967-024-05748-w. IF: 6,1 Q2 D3	GA09
Gonzalez LP, Ruiz-Ortiz M, Delgado M, Rodriguez S, Villalba R, Merino C, Casares J, Mesa D, de Lezo JS, Pan MN. Ross procedure: valve function, clinical outcomes and predictors after 25 years’ follow-up. CURRENT PROBLEMS IN CARDIOLOGY. 2024. -. DOI: 10.1016/j.cpcardiol.2024.102410. IF: 3 Q2 D4	GA09
Alvarez-Heredia P, Reina-Alfonso I, Domínguez-del-Castillo JJ, Hassouneh F, Gutiérrez-González C, Batista-Duharte A, Pérez AB, Sarra mea F, Jaén-Moreno MJ, Camacho-Rodríguez C, Tarazona R, Solana R, Molina J, Pera A. Spanish HCMV Seroprevalence in the 21st Century. VIRUSES-BASEL. 2024. -. DOI: 10.3390/v16010006. IF: 3,8 Q2 D5	GA09
Cabezón-Villalba G, Barge-Caballero E, González-Vilchez F, Castel-Lavilla MA, Gómez-Bueno M, Almenar-Bonet L, González-Costello J, Lambert-Rodríguez J, Martínez-Sellés M, de la Fuente-Galán L, Mirabet-Pérez S, Carmena MDGC, Hervás-Sotomayor D, Rangel-Sousa D, Blasco-Peiró T, Garrido-Bravo IP, Juan-Aracil GR, Muñiz J, Crespo-Leiro MG. Use of a surgically implanted, nondischARGEABLE, extracorporeal continuous flow circulatory support system as a bridge to heart transplant. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 39-49. DOI: 10.1016/j.rec.2023.05.002. IF: 7,2 Q1 D2	GA09
Puente J, Arrea FA, Rueda OB, Gauna DC, Durán I, Avila JJF, Gómez-Iturriaga A, Blázquez MJP, Fentes DP, Pardo GS, Casas JAV, Gratal P, Pardo MT, Porta VG. Criteria and indicators to evaluate quality of care in genitourinary tumour boards. CLINICAL & TRANSLATIONAL ONCOLOGY. 2024. 1639-1646. DOI: 10.1007/s12094-024-03381-z. IF: 2,8 Q2 D5	GA10
Benitez-Velasco A, Alzas-Teomiro C, Gómez CZ, Jiménez CM, Aguilera JL, Crespín M, Vallejo-Casas JA, Gálvez-Moreno MA, Puerta MJM, Herrera-Martínez AD. Differences in the Evaluation of Malnutrition and Body Composition Using Bioelectrical Impedance Analysis, Nutritional Ultrasound, and Dual-Energy X-ray Absorptiometry in Patients with Heart Failure. NUTRIENTS. 2024. -. DOI: 10.3390/nu16101535. IF: 4,8 Q1 D2	GA10
García-Figueiras R, Baleato-González S, Luna A, Padhani AR, Vilanova JC, Carballo-Castro AM, Oleaga-Zufiria L, Vallejo-Casas JA, Marhuenda A, Gómez-Caamaño A. How Imaging Advances Are Defining the Future of Precision Radiation Therapy. RADIOGRAPHICS. 2024. -. DOI: 10.1148/rg.230152. IF: 5,2 Q1 D1	GA10
Bérchez-Moreno F, Durán-Rosal AM, Martínez CH, Gutiérrez PA, Fernández JC. A memetic dynamic coral reef optimisation algorithm for simultaneous training, design, and optimisation of artificial neural networks. SCIENTIFIC REPORTS. 2024. -. DOI: 10.1038/s41598-024-57654-2. IF: 3,8 Q1 D2	GA11
Morales-Martín A, Mesas-Carrascosa FJ, Gutiérrez PA, Pérez-Porras FJ, Vargas VM, Hervás-Martínez C. Deep Ordinal Classification in Forest Areas Using Light Detection and Ranging Point Clouds. SENSORS. 2024. -. DOI: 10.3390/s24072168. IF: 3,4 Q2 D4	GA11
Vargas VM, Gómez-Orellana AM, Gutiérrez PA, Hervás-Martínez C, Guijo-Rubio D. EBANO: A novel Ensemble BAsed on uNimodal Ordinal classifiers for the prediction of significant wave height. KNOWLEDGE-BASED SYSTEMS. 2024. -. DOI: 10.1016/j.knosys.2024.112223. IF: 7,2 Q1 D2	GA11
Trinidad-Gutiérrez I, Vázquez-Borrego MC, Aguilera-Fernández E, Velez-Castaño JE, Muriel-López CE, Rodríguez-Ortíz L, Gómez A, Berchez-Moreno F, Hervás C, Romero-Ruiz A, Arjona-Sánchez A. Efficacy of systemic Chemotherapy on high-risk stage II and III Mucinous colon cancer. CHEMUCCA study part I. EJSO. 2024. -. DOI: 10.1016/j.ejso.2024.108642. IF: 3,5 Q1 D2	GA11
Bérchez-Moreno F, Fernández JC, Hervás-Martínez C, Gutiérrez PA. Fusion of standard and ordinal dropout techniques to regularise deep models. INFORMATION FUSION. 2024. -. DOI: 10.1016/j.inffus.2024.102299. IF: 14,7 Q1 D1	GA11
Peláez-Rodríguez C, Pérez-Aracil J, Gómez-Orellana AM, Guijo-Rubio D, Vargas VM, Gutiérrez PA, Hervás-Martínez C, Salcedo-Sanz S. Fuzzy-based ensemble methodology for accurate long-term prediction and interpretation of extreme significant wave height events. APPLIED OCEAN RESEARCH. 2024. -. DOI: 10.1016/j.apor.2024.104273. IF: 4,3 Q1 D1	GA11

PUBLICATIONS	IMIBIC GROUP
Rodríguez-Perálvarez ML, de la Rosa G, Gómez-Orellana AM, Aguilera MV, Vicente TP, Pereira S, Ortiz ML, Pagano G, Suarez F, Grande RG, Cachero A, Tomé S, Barreales M, Mateos RM, Pascual S, Romero M, Bilbao I, Martín CA, Otón E, Diéguez LG, Espinosa MD, Milla AA, Fernández GB, Lorente S, Lavín AC, García AR, Cano CS, Cepeda-Franco C, Pons JA, Colmenero J, Guijo-Rubio D, Otero A, Navarrete AA, Moreno SR, Soler MR, Martínez CH, Gastaca M. GEMA-Na and MELD 3.0 severity scores to address sex disparities for accessing liver transplantation: a nationwide retrospective cohort study. ECLINICALMEDICINE. 2024. -. DOI: 10.1016/j.eclinm.2024.102737. IF: 9,6 Q1 D1	GA11
Gómez-Orellana AM, Guijo-Rubio D, Gutiérrez PA, Hervás-Martínez C, Vargas VM. ORFEO: Ordinal classifier and Regressor Fusion for Estimating an Ordinal categorical target. ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE. 2024. -. DOI: 10.1016/j.engappai.2024.108462. IF: 7,5 Q1 D1	GA11
Alemaný-Navarro M, Sánchez-Barbero B, Reguera-Pozuelo P, Altea-Manzano L, Gómez-Garrido A, Rocha-González I, Garrido-Torres N, Ruiz-Veguilla M, García-Cerro S, Rosso-Fernández CM, Villagrán-Moreno JM, Sarramea F, Cervilla-Ballesteros J, Martínez-Leal R, Mayoral-Cleries F, Crespo-Facorro B. Efficacy of clozapine versus standard treatment in adult individuals with intellectual disability and treatment-resistant psychosis (CLOZAID): study protocol of a multicenter randomized clinical trial. FRONTIERS IN PSYCHIATRY. 2024. -. DOI: 10.3389/fpsyt.2024.1400621. IF: 3,2 Q2 D4	GA12
Costa DLD, Damiano RF, Alcalá JA, Hatzinger M, Mesa F, Perna G, Purebl G, Torzsa P, Voborilova V, Zwanzger P, Ho RG, Bandelow B. How to treat subsyndromal anxiety disorder - practical recommendations for implementation in primary care. INTERNATIONAL JOURNAL OF PSYCHIATRY IN CLINICAL PRACTICE. 2024. 128-137. DOI: 10.1080/13651501.2024.2362131. IF: 2,9 Q2 D4	GA12
Ruiz-Rull C, Jaén-Moreno MJ, del Pozo GI, Gómez C, Montiel FJ, Alcántara M, Carrión L, Chauca GM, Feu N, Guler I, Rico-Villademoros F, Camacho-Rodríguez C, Gutierrez-Rojas L, Mannino D, Sarramea F. Low lung function in Bipolar Disorder and Schizophrenia: a hidden risk. FRONTIERS IN PHYSIOLOGY. 2024. -. DOI: 10.3389/fphys.2024.1335798. IF: 3,2 Q2 D3	GA12
Ruiz-Rull C, Jaén-Moreno MJ, Pozo GID, Camacho-Rodríguez C, Rodríguez-López M, Rico-Villademoros F, Otero-Ferrer JL, Feu N, Reyes-López M, Fiestas RM, Laguna-Muñoz D, Jiménez-Peinado A, Mannino D, Vieta E, Sarramea F. Lung function decline in people with serious mental illness: A call to action. EUROPEAN NEUROPSYCHOPHARMACOLOGY. 2024. 41-46. DOI: 10.1016/j.euroneuro.2024.09.004. IF: 6,1 Q1 D1	GA12
Lopez-Diaz A, Palermo-Zeballos FJ, Gutierrez-Rojas L, Alameda L, Gotor-Sanchez-Luengo F, Garrido-Torres N, Metrailler J, Alerci L, Bonnarel V, Cano-Dominguez P, Avanesi-Molina E, Soto-Ontoso M, Torrecilla-Olavarrieta R, Munoz-Manchado LI, Torres-Hernandez P, Gonzalez-Higueras F, Prados-Ojeda JL, Herrera-Cortes M, Meca-Garcia JM, Gordillo-Urbano RM, Sanchez-Robles C, Delgado-Duran T, Soriano-Pena MF, Golay P, Conus P, Crespo-Facorro B, Ruiz-Veguilla M. Proxy measures for the assessment of psychotic and affective symptoms in studies using electronic health records. BJPSYCH OPEN. 2024. -. DOI: 10.1192/bjo.2023.623. IF: 3,9 Q1 D3	GA12
Gordillo-Urbano RM, Crespo-Facorro B, Pérez-Solá V, Cardoner N, García-Ligero E, Moreno C, Ramos-Quiroga JA, Ruiz-Veguilla M, Vázquez-Vallejo M, Prados-Ojeda JL. Spanish experts consensus on emergency psychiatric care in hospital emergency departments. BMC PSYCHIATRY. 2024. -. DOI: 10.1186/s12888-024-05939-1. IF: 3,4 Q2 D3	GA12
Alvarez-Heredia P, Reina-Alfonso I, Domínguez-del-Castillo JJ, Hassouneh F, Gutiérrez-González C, Batista-Duharte A, Pérez AB, Sarramea F, Jaén-Moreno MJ, Camacho-Rodríguez C, Tarazona R, Solana R, Molina J, Pera A. Spanish HCMV Seroprevalence in the 21st Century. VIRUSES-BASEL. 2024. -. DOI: 10.3390/v16010006. IF: 3,8 Q2 D5	GA12
Serrano-Ortiz A, Romero-Cabrera JL, Villatoro JM, Cordero-Ramos J, Ruiz-Montero R, Ritoré A, Dopazo J, Salas JD, Sánchez VG, Salcedo-Leal I, de la Hoz MAA, Túnez I, Guzmán MA. Assessing COVID-19 Vaccine Effectiveness and Risk Factors for Severe Outcomes through Machine Learning Techniques: A Real-World Data Study in Andalusia, Spain. JOURNAL OF EPIDEMIOLOGY AND GLOBAL HEALTH. 2024. 1504-1517. DOI: 10.1007/s44197-024-00298-2. IF: 3,8 Q1 D2	GA13

PUBLICATIONS	IMIBIC GROUP
Parra LM, Cantero M, Ortí-Lucas RM, Salcedo-Leal I, Asensio A. Evaluation of infection prevention and control programmes according to the European Centre for Disease Prevention and Control and the World Health Organization in Spain 2012-2022: indicators of core component 1. JOURNAL OF HOSPITAL INFECTION. 2024. 17-24. DOI: 10.1016/j.jhin.2024.02.013. IF: 3,9 Q1 D3	GA13
Camprubíi-Ferrer D, Menendez MD, Crespillo-Andújar C, Galparsoro HA, Belhassen-Garcia M, González JC, Rubio JM, García JL, Oteo JA, Martín SG, Larrégola LS, Salvador F, Rojo-Marcos G, Balerdi-Sarasola L, Urkola XK, Pérez MJS, Onieva-García MA, Coll IA, Arranz J, de Novales JM. Executive Summary of the Spanish Guidelines for the Diagnosis and Management of Imported Febrile Illnesses from the Spanish Society of Tropical Medicine and International Health (SEMTSI), the Imported Pathology Group of the Spanish Society of Infectious Diseases and Clinical Microbiology (GEPI-SEIMC), the Spanish Society of Family and Community Medicine (SEMFYC), the Spanish Society of Primary Care Physicians (SEMERGEN) and the Spanish Society of Emergency Medicine (SEMES). ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA. 2024. 380-385. DOI: 10.1016/j.eimc.2024.05.002. IF: 2,6 Q3 D	GA13
López-Viñau T, Muñoz-Rosa M, Ruiz-Lara LM, García-Martínez L, Machuca I, Gracia-Ahufinger I, Montero RR, Castón JJ, Cano A, Ruiz-Arabi E, del Prado JR, Salcedo I, Martínez-Martínez L, Torre-Cisneros J. Long-Term Clinical and Ecological Impact of an Antimicrobial Stewardship Program on the Incidence of Carbapenem-Resistant Klebsiella pneumoniae Infections in a High-Endemic Hospital. ANTIBIOTICS-BASEL. 2024. -. DOI: 10.3390/antibiotics13090792. IF: 4,3 Q1 D2	GA13
Redondo E, Rivero-Calle I, Mascarós E, Ocaña D, Jimeno I, Gil A, Linares M, Onieva-García MA, González-Romo F, Yuste J, Martínón-Torres F. Respiratory Syncytial Virus Vaccination Recommendations for Adults Aged 60 Years and Older: The NeumoExperts Prevention Group Position Paper. ARCHIVOS DE BRONCONEUMOLOGIA. 2024. 161-170. DOI: 10.1016/j.arbres.2024.01.004. IF: 8,7 Q1 D1	GA13
Montes-Comino M, De la Torre-López LE, Guillén-Climent S, Mayordomo-Riera FJ. Ultrasonography-guided percutaneous release of A3 pulley of the fifth finger to treat trigger finger: Description of the technique, with reference to a specific case. ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA. 2024. 77-79. DOI: 10.5152/j.aitt.2024.23086. IF: 1,1 Q3 D	GA13
Rivera-Izquierdo M, Morales-Portillo A, de Alba IGF, Fernandez-Martinez NF, Schoenenberger-Arnaiz JA, Barranco-Quintana JL, Valero-Ubierna C. Vaccination strategies for patients under monoclonal antibody and other biological treatments: an updated comprehensive review based on EMA authorisations to January 2024. EXPERT REVIEW OF VACCINES. 2024. 887-910. DOI: 10.1080/14760584.2024.2401839. IF: 5,5 Q1 D3	GA13
Casares-Jimenez M, Garcia-Garcia T, Suárez-Cárdenas JM, Perez-Jimenez AB, Martín MA, Caballero-Gómez J, Michán C, Corona-Mata D, Risalde MA, Perez-Valero I, Guerra R, Garcia-Bocanegra I, Rivero A, Rivero-Juarez A, Garrido JJ. Correlation of hepatitis E and rat hepatitis E viruses urban wastewater monitoring and clinical cases. SCIENCE OF THE TOTAL ENVIRONMENT. 2024. -. DOI: 10.1016/j.scitotenv.2023.168203. IF: 8,2 Q1 D1	GA14
Sanjuán JMO, Argüello H, Cabrera-Rubio R, Crispie F, Cotter PD, Garrido JJ, Ekhlás D, Burgess CM, Manzanilla EG. Effects of removing in-feed antibiotics and zinc oxide on the taxonomy and functionality of the microbiota in post weaning pigs. ANIMAL MICROBIOME. 2024. -. DOI: 10.1186/s42523-024-00306-7. IF: 4,9 Q1 D1	GA14
Sanjuán JMO, Manzanilla EG, Cabrera-Rubio R, Crispie F, Cotter PD, Garrido JJ, Ekhlás D, O'Neill L, Argüello H. Fine-tuning of post-weaning pig microbiome structure and functionality by in-feed zinc oxide and antibiotics use. FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY. 2024. -. DOI: 10.3389/fcimb.2024.1354449. IF: 4,6 Q1 D3	GA14
López-Ayllón BD, Marin S, Fernández MF, García-García T, Fernández-Rodríguez R, de Lucas-Rius A, Redondo N, Mendoza-García L, Foguet C, Grigas J, Calvet A, Villalba JM, Gómez MJR, Megias D, Mandracchia B, Luque D, Lozano JJ, Calvo C, Herrán UM, Thomson TM, Garrido JJ, Cascante M, Montoya M. Metabolic and mitochondria alterations induced by SARS-CoV-2 accessory proteins ORF3a, ORF9b, ORF9c and ORF10. JOURNAL OF MEDICAL VIROLOGY. 2024. -. DOI: 10.1002/jmv.29752. IF: 6,8 Q1 D1	GA14

PUBLICATIONS	IMIBIC GROUP
Barbero-Moyano J, Martínez R, González M, Moreno I, Beato-Beneítez A, Cano-Terriza D, Carretero A, Canales-Merino R, Ferreira-Prado A, Garrido JJ, Rialde MA, García-Bocanegra I. Monitoring of Leishmania infantum in captive non-human primates in Spain. RESEARCH IN VETERINARY SCIENCE. 2024. -. DOI: 10.1016/j.rvsc.2024.105425. IF: 2,2 Q1 D2	GA14
Pérez MLS, Montironi I, Funes JA, Margineda C, Campra N, Cariddi LN, Garrido JJ, Molina M, Alustiza F. Nanogel-Mediated antigen delivery: Biocompatibility, immunogenicity, and potential for tailored vaccine design across species. VACCINE. 2024. 3721-3732. DOI: 10.1016/j.vaccine.2024.04.086. IF: 4,5 Q2 D3	GA14
Casares-Jimenez M, Rivero-Juarez A, Lopez-Lopez P, Montes ML, Navarro-Soler R, Peraire J, Espinosa N, Alemán-Valls MR, Garcia-Garcia T, Caballero-Gomez J, Corona-Mata D, Perez-Valero I, Ulrich RG, Rivero A. Rat hepatitis E virus (Rocahepevirus ratti) in people living with HIV. EMERGING MICROBES & INFECTIONS. 2024. -. DOI: 10.1080/22221751.2023.2295389. IF: 8,4 Q1 D1	GA14
Casares-Jimenez M, Corona-Mata D, Garcia-Garcia T, Manchado-Lopez L, Rios-Muñoz L, de Guia-Castro M, Lopez-Lopez P, Caceres-Anillo D, Camacho A, Caballero-Gomez J, Perez-Valero I, Gallo-Marin M, Perez AB, Ulrich RG, Rivero-Juarez A, Rivero A. Serological and molecular survey of rat hepatitis E virus (Rocahepevirus ratti) in drug users. EMERGING MICROBES & INFECTIONS. 2024. -. DOI: 10.1080/22221751.2024.2396865. IF: 8,4 Q1 D1	GA14
Muñoz-Redondo JM, Cuevas FJ, Montenegro JC, Ordóñez-Díaz JL, Moreno-Rojas JM. An Updated Isotopic Database of Fertilizers Used in Intensive Organic Farming: A Case Study on Protein Hydrolyzed Derivatives and Chelated Nutrients. HORTICULTURAE. 2024. -. DOI: 10.3390/horticulturae10050523. IF: 3,1 Q1 D2	GA15
Cáceres-Jiménez S, Pereira-Caro G, Dobani S, Pourshahidi K, Gill CIR, Moreno-Rojas JM, Ordoñez-Díaz JL, Almutairi TM, Clifford MN, Crozier A. Bioavailability of mango (poly)phenols: An evaluation of the impact of the colon, and phenylalanine and tyrosine on the production of phenolic catabolites. FREE RADICAL BIOLOGY AND MEDICINE. 2024. 605-616. DOI: 10.1016/j.freeradbiomed.2024.10.289. IF: 7,1 Q1 D1	GA15
Pereira-Caro G, Cáceres-Jiménez S, Moreno-Ortega A, Dobani S, Pourshahidi K, Gill CIR, Mena P, Del Rio D, Moreno-Rojas JM, Taurino G, Bussolati O, Almutairi TM, Crozier A, Bianchi MG. Colon-available mango (poly)phenols exhibit mitigating effects on the intestinal barrier function in human intestinal cell monolayers under inflammatory conditions. FOOD & FUNCTION. 2024. 5118-5131. DOI: 10.1039/d4fo00451e. IF: 5,1 Q1 D2	GA15
Núñez-Gómez V, Periago MJ, Ordóñez-Díaz JL, Pereira-Caro G, Moreno-Rojas J, González-Barro R. Dietary fibre fractions rich in (poly)phenols from orange by-products and their metabolism by in vitro digestion and colonic fermentation. FOOD RESEARCH INTERNATIONAL. 2024. -. DOI: 10.1016/j.foodres.2023.113718. IF: 7 Q1 D1	GA15
Mansinhos I, Gonçalves S, Rodríguez-Solana R, Moreno-Rojas JM, Romano A. Environmental Factors Related to Climate Change Alter the Chemical Composition and Biological Activity of Lavandula viridis L'Hér Essential Oil. AGRICULTURE-BASEL. 2024. -. DOI: 10.3390/agriculture14071067. IF: 3,3 Q1 D2	GA15
García-Infante M, Moreno-Rojas JM, Ordoñez-Díaz JL, Hervalejo A, Romero-Rodríguez E, Arenas-Arenas FJ. Evaluation of antioxidant properties of thirteen orange genotypes [Citrus sinensis L. Osbeck] with juice industry interest. JOURNAL OF AGRICULTURE AND FOOD RESEARCH. 2024. -. DOI: 10.1016/j.jafr.2024.101491. IF: 4,8 Q1 D2	GA15
Sánchez-Parra M, Lopez A, Ordóñez-Díaz JL, Rodríguez-Solana R, Montenegro-Gómez JC, Pérez-Aparicio J, Moreno-Rojas JM. Evaluation of Biogenic Amine and Free Fatty Acid Profiles During the Manufacturing Process of Traditional Dry-Cured Tuna. FOOD AND BIOPROCESS TECHNOLOGY. 2024. 452-463. DOI: 10.1007/s11947-023-03134-w. IF: 5,3 Q1 D2	GA15
Clifford MN, Ludwig IA, Pereira-Caro G, Zeraik L, Borges G, Almutairi TM, Dobani S, Bresciani L, Mena P, Gill CIR, Crozier A. Exploring and disentangling the production of potentially bioactive phenolic catabolites from dietary (poly)phenols, phenylalanine, tyrosine and catecholamines. REDOX BIOLOGY. 2024. -. DOI: 10.1016/j.redox.2024.103068. IF: 10,7 Q1 D1	GA15

PUBLICATIONS	IMIBIC GROUP
Juan-Ovejero R, Castro J, Navarro FB, Moreno-Rojas JM, Jiménez MN, Leverkus AB, Querejeta JL. Large physiological plasticity of water- and nutrient-use traits in Quercus ilex L. within and across populations: Implications for Mediterranean forest persistence under global change. ENVIRONMENTAL AND EXPERIMENTAL BOTANY. 2024. -. DOI: 10.1016/j.envexpbot.2024.106053. IF: 4,5 Q1 D2	GA15
Mansinhos I, Gonçalves S, Rodríguez-Solana R, Pereira-Caro G, Moreno-Rojas JM, Romano A. Nutrient Deficiency-Induced Stress Improves Skincare Effects and Phytochemical Content of Green Extracts from Lamiaceae In Vitro Cultures. HORTICULTURAE. 2024. -. DOI: 10.3390/horticulturae10090947. IF: 3,1 Q1 D2	GA15
Hamdoun O, Gonçalves S, Mansinhos I, Rodríguez-Solana R, Pereira-Caro G, Moreno-Rojas JM, El Kbiach ML, El Bouzdoudi B, Romano A. Phytochemical Characterization and Bioactivity of Extracts from Different Fruit Parts of Opuntia leucotricha DC.: A Comparison between a Conventional Organic Solvent and Green Natural Deep Eutectic Solvents. HORTICULTURAE. 2024. -. DOI: 10.3390/horticulturae10080824. IF: 3,1 Q1 D2	GA15
Sánchez-Parra M, Pierna JAF, Baeten V, Muñoz-Redondo JM, Ordóñez-Díaz JL, Moreno-Rojas JM. Rapid screening of tuna samples for food safety issues related to histamine content using fourier-transform mid-infrared (FT-MIR) and chemometrics. JOURNAL OF FOOD ENGINEERING. 2024. -. DOI: 10.1016/j.jfoodeng.2024.112129. IF: 5,3 Q1 D2	GA15
Ordóñez-Díaz JL, Velasco-Ruiz I, Velasco-Tejero C, Pereira-Caro G, Moreno-Rojas JM. Seasonal and Morphology Effects on Bioactive Compounds, Antioxidant Capacity, and Sugars Profile of Black Carrot (Daucus carota ssp. sativus var. atropubens Alef.). FOODS. 2024. -. DOI: 10.3390/foods13101575. IF: 4,7 Q1 D3	GA15
Mayor-Silva LI, Del Gallego-Lastra R, Meneses-Monroy A, Hernández-Martín MM, Alvarez-Mendez AM, Romero-Saldaña M, Moreno G. A scale for assessing nursing students’ emotional competence: A validation study. NURSE EDUCATION TODAY. 2024. -. DOI: 10.1016/j.nedt.2023.106046. IF: 3,6 Q1 D1	GA16
Carrasco-Marín F, Parra-Soto S, Bonpoor J, Phillips N, Talebi A, Petermann-Rocha F, Pell J, Ho F, Martínez-Maturana N, Celis-Morales C, Molina-Luque R, Molina-Recio G. Adherence to dietary recommendations by socioeconomic status in the United Kingdom biobank cohort study. FRONTIERS IN NUTRITION. 2024. -. DOI: 10.3389/fnut.2024.1349538. IF: 4 Q2 D3	GA16
Carrasco-Marín F, Zhao LG, Hébert JR, Wirth MD, Petermann-Rocha F, Phillips N, Malcomson FC, Mathers JC, Ferguson LD, Ho FDR, Pell J, Celis-Morales C, Molina-Recio G, Molina-Luque R. Association of a dietary in flammatory index with cardiometabolic, endocrine, liver, renal and bones biomarkers: cross-sectional analysis of the UK Biobank study. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES. 2024. 1731-1740. DOI: 10.1016/j.numecd.2024.03.010. IF: 3,3 Q2 D3	GA16
Meneses-Urrea LA, Vaquero-Abellán M, Arenas DV, Sandoval NB, Hernández-Carrillo M, Molina-Recio G. Colorectal and gastric cancer and its association with dietary patterns in Colombia. HELIYON. 2024. -. DOI: 10.1016/j.heliyon.2024.e34734. IF: 3,4 Q1 D3	GA16
Manuel RS, Paula ST, Isabel AF, Rafael GM, Pablo SM, Antonio RS, Daniel GS, Inmaculada LL. Development and validation of a new satisfaction scale for objective structured clinical assessments (S-OSCA): A multicenter cross-sectional study. NURSE EDUCATION TODAY. 2024. -. DOI: 10.1016/j.nedt.2024.106308. IF: 3,6 Q1 D1	GA16
Cárcamo-Regla R, Zapata-Lamana R, Ochoa-Rosales C, Martorell M, Carrasco-Marín F, Molina-Recio G. Effectiveness of Resistance Training Program on Body Composition in Adults Following Vegan Diet versus Omnivorous Diet; Developed in Mobile Health Modality. NUTRIENTS. 2024. -. DOI: 10.3390/nu16152539. IF: 4,8 Q1 D2	GA16
Chavarro BCD, Molina-Recio G, Reveiz JKA, Romero-Saldaña M. Factors Associated with Nutritional Risk Assessment in Critically Ill Patients Using the Malnutrition Universal Screening Tool (MUST). JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13051236. IF: 3 Q1 D2	GA16
Jurado-Robles I, Jurado-Gámez B, Collado NF, Molina-Luque R, Molina-Recio G. Influence of Comorbidity and Obesity on the Occurrence of Vascular Events in Obstructive Apnoea Treated with CPAP. NUTRIENTS. 2024. -. DOI: 10.3390/nu16183071. IF: 4,8 Q1 D2	GA16

PUBLICATIONS	IMIBIC GROUP
Feria-Ramirez C, Gonzalez-Sanz JD, Molina-Luque R, Molina-Recio G. Influence of gestational weight gain on the nutritional status of offspring at birth and at 5 years of age. MIDWIFERY. 2024. -. DOI: 10.1016/j.midw.2023.103908. IF: 2,6 Q1 D2	GA16
Girela-Lopez E, Beltran-Aroca CM, Boceta-Osuna J, Aguilera-Lopez D, Gomez-Carranza A, Lopez-Valero M, Romero-Saldaña M. Measuring moral distress in health professionals using the MMD-HP-SPA scale. BMC MEDICAL ETHICS. 2024. -. DOI: 10.1186/s12910-024-01041-z. IF: 3 Q1 D2	GA16
de Pedro-Jiménez D, de Diego-Cordero R, Vargas-Martinez AM, Raya-Cano E, Molina-Luque R, Romero-Saldaña M. Physical Inactivity Increases Impairment of Daily Activities Due to Pain in Workers: An Ordinal Regression Logistic and Correspondence Analysis. WORKPLACE HEALTH & SAFETY. 2024. 384-391. DOI: 10.1177/21650799241259148. IF: 2,3 Q1 D3	GA16
Sevillano-Jiménez A, Molina-Recio G, García-Mellado JA, Molina-Luque R, Romero-Saldaña M. Psychopathological and cardiometabolic efficacy of a nutritional education intervention based on symbiotics in schizophrenia spectrum disorders. Two-arm Randomised Clinical Trial. EUROPEAN JOURNAL OF PSYCHIATRY. 2024. -. DOI: 10.1016/j.ejpsy.2024.100262. IF: 2,5 Q2 D4	GA16
Guzmán-García JM, Romero-Saldaña M, Molina-Recio G, Alvarez-Fernández C, Jiménez-Mérida MD, Molina-Luque R. Relationship between commonly defined metabolic health phenotypes and obesity with lung function in a working population: A cross-sectional study. HEART & LUNG. 2024. 62-69. DOI: 10.1016/j.hrtlng.2024.04.017. IF: 2,4 Q2 D5	GA16
Luque-Alcaraz OM, Aparicio-Martínez P, Gomera A, Vaquero-Abellán M. The environmental awareness of nurses as environmentally sustainable health care leaders: a mixed method analysis. BMC NURSING. 2024. -. DOI: 10.1186/s12912-024-01895-z. IF: 3,1 Q1 D1	GA16
Curcio F, Abellán MV, Dioni E, de Lima MM, Zinabi OE, Saldaña MR. Validity and reliability of the italian-Neonatal skin risk assessment scale (i-NSRAS). INTENSIVE AND CRITICAL CARE NURSING. 2024. -. DOI: 10.1016/j.iccn.2023.103561. IF: 4,9 Q1 D1	GA16
García-Bravo L, Prada A, Larrañaga MG, Ros EE, González DA, Martínez DM, Sánchez TR, Gámez CGM, Roger AJ, Alvarez RA, Luna MDD, Hernández CR, de la Varga-Martínez R, López-Cueto M, Benique MRJ, San José-Cascón M, Quirant-Sánchez B, Martínez-Chamorro A, Marcaida-Benito G, Timoneda PTT, Sánchez MF, Enciso BS, Mohamed KM, Guerra-Galán T, Villegas A, Roncancio-Clavijo A, Rodríguez-Mahou M, Sánchez-Ramón S, Fernández-Arquero M, Candelas-Rodríguez G, Ochoa-Grullón J, GEAI-SEI Grp. Increased Risk of Myositis-Specific and Myositis-Associated Autoantibodies After COVID-19 Pandemic and Vaccination: A Spanish Multicenter Collaborative Study. BIOMEDICINES. 2024. -. DOI: 10.3390/biomedicines12122800. IF: 3,9 Q1 D3	GC01
Herrera-Martínez AD, Jiménez CM, Romo AN, Aguilera JL, Crespín MC, Baena BT, Casado-Díaz A, Moreno MAG, Puerta MJM, Roger AJ. Nutritional Support Reduces Circulating Cytokines in Patients with Heart Failure. NUTRIENTS. 2024. -. DOI: 10.3390/nu16111637. IF: 4,8 Q1 D2	GC01
Alvarez P, Aguado R, Molina J, Trujillo-Aguilera A, Villalba M, Díaz-Perales A, Oeo-Santos C, Chicano E, Blanco N, Navas A, Ruiz-León B, Jurado A. Pollen-Food Allergy Syndrome: From Food Avoidance to Deciphering the Potential Cross-Reactivity between Pru p 3 and Ole e 7. NUTRIENTS. 2024. -. DOI: 10.3390/nu16172869. IF: 4,8 Q1 D2	GC01
Alvarez-Heredia P, Reina-Alfonso I, Domínguez-del-Castillo JJ, Hassouneh F, Gutiérrez-González C, Batista-Duharte A, Pérez AB, Sarramea F, Jaén-Moreno MJ, Camacho-Rodríguez C, Tarazona R, Solana R, Molina J, Pera A. Spanish HCMV Seroprevalence in the 21st Century. VIRUSES-BASEL. 2024. -. DOI: 10.3390/v16010006. IF: 3,8 Q2 D5	GC01
Herrera-Martínez AD, Romo AN, León-Idougourram S, Muñoz-Jiménez C, Rodríguez-Alonso R, García GM, Camacho-Cardenosa M, Casado-Díaz A, Gálvez-Moreno MA, Puertas MJM, Roger AJ. Systemic Inflammation in Oncologic Patients Undergoing Systemic Treatment and Receiving Whey Protein-Based Nutritional Support. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25115821. IF: 4,9 Q1 D3	GC01

PUBLICATIONS	IMIBIC GROUP
Calafat M, Torres P, Tosca-Cuquerella J, Sánchez-Aldehuelo R, Rivero M, Iborra M, González-Vivo M, Vera I, de Castro L, Bujanda L, Barreiro-de Acosta M, González-Muñoz C, Calvet X, Benítez JM, Llorente-Barrio M, Surís G, Cañete F, Arias-García L, Monfort D, Castaño-García A, Garcia-Alonso FJ, Huguet JM, Marín-Jimenez I, Lorente R, Martín-Cardona A, Ferrer JA, Camo P, Gisbert JP, Pajares R, Gomollón F, Castro-Poceiro J, Morales-Alvarado J, Llaó J, Rodríguez A, Rodríguez C, Pérez-Galindo P, Navarro M, Jiménez-García N, Carrillo-Palau M, Blázquez-Gómez I, Sesé E, Almela P, de la Piscina PR, Taxonera C, Rodríguez-Lago I, Cabrinety L, Vela M, Mínguez M, Mesonero F, García MJ, Aguas M, Márquez L, Porto MS, Pineda JR, García-Etxebarria K, Bertoletti F, Brunet E, Mañosa M, Domènech E. Clinical and treatment outcomes of a second subcutaneous or intravenous anti-TNF in patients with ulcerative colitis treated with two consecutive anti-TNF agents: data from the ENEIDA registry. THERAPEUTIC ADVANCES IN GASTROENTEROLOGY. 2024. -. DOI: 10.1177/17562848231221713. IF: 3,9 Q1 D2	GC02
Rodríguez-Lago I, Cañete F, Guerra-del-Río E, Herrera-deGuise C, Iglesias E, Leo E, Zabana Y, Acosta MBD, Ginard D, Cabriada JL. Combination of granulocyte-monocyte apheresis and tofacitinib: Multicentre and retrospective study. GASTROENTEROLOGIA Y HEPATOLOGIA. 2024. 727-733. DOI: 10.1016/j.gastrohep.2024.01.004. IF: 2,2 Q3 D	GC02
Rodríguez-Lago I, Herrera-deGuise C, Boscá-Watts M, Rodríguez C, Leo-Carnerero E, Iñiguez MC, Cañete F, Chacón S, Cuarán C, Elorza A, Guerra-del-Río E, Iglesias E, Sánchez D, Barreiro-de Acosta M, Ginard D, Cabriada JL. Combination of granulocyte-monocyte apheresis and ustekinumab: Multicentre and retrospective study. GASTROENTEROLOGIA Y HEPATOLOGIA. 2024. -. DOI: 10.1016/j.gastrohep.2024.502195. IF: 2,2 Q3 D	GC02
De Vincentis A, Ampuero J, Terracciani F, D'Amato D, Gerussi A, Cristoferi L, Cazzagon N, Bonaiuto E, Floreani A, Calvaruso V, Cadamuro L, Degasperì E, Morgando A, Vanni E, Lleo A, Colapietro F, Alvaro D, Castellaneta A, Labanca S, Viganò M, Distefano M, Palitti VP, Ricci C, De Matthaeis N, Marziani M, Gómez-Dominguez E, Montero JL, Molina E, Garcia-Buey L, Casado M, Berenguer M, Conde I, Simon MA, Fuentes J, Costa-Moreira P, Macedo G, Jorquera F, Morillas RM, Presa J, Sousa JM, Gomes D, Santos L, Olveira A, Hernandez-Guerra M, Aburruza L, Santos A, Carvalho A, Uriz J, Gutierrez ML, Perez E, Chessa L, Pellicelli A, Marignani M, Muratori L, Niro GA, Brunetto M, Ponziani FR, Pompili M, Marra F, Galli A, Mussetto A, Alagna G, Simone L, Bertino G, Rosina F, Cozzolongo R, Russello M, Baiocchi L, Saitta C, Terreni N, Zolfino T, Rigamonti C, Viganò R, Cuccorese G, Pozzoni P, Pedone C, Grasso S, Picardi A, Invernizzi P, Sacco R, Izzi A, Fernandez-Rodriguez C, Vespasiani-Gentilucci U, Carbone M. Development and Validation of a Scoring System to Predict Response to Obeticholic Acid in Primary Biliary Cholangitis. CLINICAL GASTROENTEROLOGY AND HEPATOLOGY. 2024. 2062-+. DOI: 10.1016/j.cgh.2024.05.008. IF: 11,6 Q1 D1	GC02
Zamora-Olaya JM, Tejero-Jurado R, Alañón-Martínez PE, Prieto-Torre M, Rodríguez-Medina C, Montero JL, Sánchez-Frías M, Briceño J, Ciria R, Barrera P, Poyato A, de la Mata M, Rodríguez-Perálvarez ML. Donor Atheromatous Disease is a Risk Factor for Hepatic Artery Thrombosis After Liver Transplantation. CLINICAL TRANSPLANTATION. 2024. -. DOI: 10.1111/ctr.15405. IF: 1,9 Q2 D5	GC02
Mesonero F, Zabana Y, Fernández-Clotet A, Leo-Carnerero E, Caballol B, Núñez-Ortiz A, García MJ, Bertoletti F, Mínguez A, Suris G, Casis B, Ferreiro-Iglesias R, Calafat M, Jiménez I, Miranda-Bautista J, Lamuela LJ, Fajardo I, Torrealba L, Nájera R, Saíz-Chumillas RM, González I, Vicuña M, García-Morales N, Gutiérrez A, López-García A, Benítez JM, de Célix CR, Tejido C, Brunet E, Hernández-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, Bouhmidi A, Pajares R, Baston-Rey I, López-Sanromán A, Albillos A, Barreiro-de Acosta M. Effectiveness and safety of azathioprine for inflammatory pouch disorders: results from the RESERVO study of GETECCU. THERAPEUTIC ADVANCES IN GASTROENTEROLOGY. 2024. -. DOI: 10.1177/17562848241234476. IF: 3,9 Q1 D2	GC02
Zare B, Gros B, Lal N, Dawson P, Sharma E, Dart RJ, Lim S, Ray S, Anderson SHC, Mawdsley J, Irving PM, Lees CW, Samaan MA. Effectiveness of risankizumab induction and maintenance therapy for refractory Crohn's disease: a real-world experience from a preapproval access programme and early access to medicines scheme. FRONTLINE GASTROENTEROLOGY. 2024. 499-506. DOI: 10.1136/flgastro-2024-102809. IF: 2,4 Q3 D	GC02

PUBLICATIONS	IMIBIC GROUP
Ferrer CS, Gismero FM, Caballol B, Ballester MP, Rey IB, García AC, Bautista JM, Chumillas RS, Benítez JM, Sanchez-Delgado L, López-García A, de Celix CR, Abreu IA, Melcarne L, Santos RP, Marques-Camí M, Mateos AC, Díez CG, Calafat M, Galan HA, Vilaamil PV, Senosiain BC, Moya AG, Diaz CYR, Spicakova K, Marcos NM, Molina G, Parga LD, Angulo AR, del Campo LC, Grau MDR, Ramirez F, Pastrana BG, Partida IG, Mateu BB, Gonzalez EP, Iyo E, Gonzalez AE, Arnau ES, Villalba LH, Galindo PP, Medina LT, Alonso SM, Perez JAO, Sadornil CD, Ramirez LG, Martín-Arranz MD, Sanroman AL, Fernández A, Murgui VM, Suarez CC, Flórez-Diez P, Matilla MEL, Sicilia B, Escribano PS, Martin CM, Manosa M, Acosta MBD. Efficacy and safety of biological treatment for inflammatory bowel disease in elderly patients: Results from a GETECCU cohort. GASTROENTEROLOGIA Y HEPATOLOGIA. 2024. -. DOI: 10.1016/j.gastrohep.2024.502197. IF: 2,2 Q3 D	GC02
Guerra I, Barros F, Chaparro M, Benítez JM, Martín-Arranz MD, de Francisco R, Piqueras M, de Castro L, Carbajo AY, Bermejo F, Mínguez M, Gutiérrez A, Mesonero F, Cañete F, González-Muñoz C, Calvo M, Sicilia B, Alfambra E, Rivero M, Lucendo AJ, Tardillo CA, Almela P, Bujanda L, van Domselaar M, Ramos L, Sánchez MF, Hinojosa E, Verdejo C, Gimenez A, Rodriguez-Lago I, Manceñido N, Calle JLP, Moreno MD, Delgado-Guillena PG, Antolin B, de la Piscina PR, Casanova MJ, Escribano PS, Arranz EM, Perez-Martínez I, Mena R, Morales NG, Granja A, Watts MMB, Francés R, Fernandez C, Calafat M, Roig-Ramos C, Vera MI, Carracedo A, Domènech E, Gisbert JP. Evaluation of Genetic Variants Associated with the Risk of Thiopurine-Related Pancreatitis: A Case Control Study from ENEIDA Registry. DIGESTIVE DISEASES. 2024. 257-264. DOI: 10.1159/000537782. IF: 2 Q3 D	GC02
Puchades L, Herreras J, Iranzo MA, Reyes E, Crespo G, Rodríguez-Peralvarez M, Cortes L, Serrano T, Fernandez-Yunquera A, Montalva E, Berenguer M. Frailty Changes After Liver Transplantation. Results From a Spanish Multicenter Prospective Cohort Study. TRANSPLANTATION DIRECT. 2024. -. DOI: 10.1097/TXD.0000000000001599. IF: 1,9 Q3 D	GC02
Rodríguez-Perálvarez ML, de la Rosa G, Gómez-Orellana AM, Aguilera MV, Vicente TP, Pereira S, Ortiz ML, Pagano G, Suarez F, Grande RG, Cachero A, Tomé S, Barreales M, Mateos RM, Pascual S, Romero M, Bilbao I, Martín CA, Otón E, Diéguez LG, Espinosa MD, Milla AA, Fernández GB, Lorente S, Lavín AC, García AR, Cano CS, Cepeda-Franco C, Pons JA, Colmenero J, Guijo-Rubio D, Otero A, Navarrete AA, Moreno SR, Soler MR, Martínez CH, Gastaca M. GEMA-Na and MELD 3.0 severity scores to address sex disparities for accessing liver transplantation: a nationwide retrospective cohort study. ECLINICALMEDICINE. 2024. -. DOI: 10.1016/j.eclinm.2024.102737. IF: 9,6 Q1 D1	GC02
Salazar J, Garcia-Planella E, Fernández-Clotet A, Esteve M, Gisbert JP, Busquets D, Lucendo A, Márquez L, Guardiola J, Martín-Arranz MD, Iglesias E, Monfort D, Villoria A, Cañete F, Bell O, Ricart E, Zabana Y, Chaparro M, Domènech E, Gordillo J. Genetic biomarkers of methotrexate response and safety in Crohn's disease: Data from the Spanish ENEIDA registry. BRITISH JOURNAL OF CLINICAL PHARMACOLOGY. 2024. 1301-1311. DOI: 10.1111/bcp.16017. IF: 3,1 Q2 D4	GC02
Din S, Segal J, Blackwell J, Gros B, Black CJ, Ford AC. Harms with placebo in trials of biological therapies and small molecules as induction therapy in inflammatory bowel disease: a systematic review and meta-analysis. LANCET GASTROENTEROLOGY & HEPATOLOGY. 2024. 1020-1029. DOI: 10.1016/S2468-1253(24)00264-4. IF: 30,9 Q1 D1	GC02
Gómez E, Montero JL, Molina E, García-Buey L, Casado M, Fuentes J, Simón MA, Díaz-González A, Jorquera F, Morillas RM, Presa J, Berenguer M, Conde MI, Olveira A, Macedo G, Garrido I, Hernández-Guerra M, Olivas I, Rodríguez-Taje S, Londoño M, Sousa JM, Ampuero J, Romero-González E, González-Padilla S, Escudero-García D, Carvalho A, Santos A, Gutiérrez ML, Pérez-Fernández E, Aburruza L, Uriz J, Gomes D, Santos L, Martínez-González J, Albillos A, Fernández-Rodríguez CM. Longitudinal outcomes of obeticholic acid therapy in ursodiol-nonresponsive primary biliary cholangitis: Stratifying the impact of add-on fibrates in real-world practice. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2024. 1604-1615. DOI: 10.1111/apt.18004. IF: 6,6 Q1 D1	GC02
Gros B, Ross H, Nwabueze M, Constantine-Cooke N, Derikx LAAP, Lyons M, O'Hare C, Noble C, Arnott ID, Jones GR, Lees CW, Plevris N. Long-term outcomes and predictors of vedolizumab persistence in ulcerative colitis. THERAPEUTIC ADVANCES IN GASTROENTEROLOGY. 2024. -. DOI: 10.1177/17562848241258372. IF: 3,9 Q1 D3	GC02

PUBLICATIONS	IMIBIC GROUP
Lagal DJ, Ortiz-Alcántara A, Pedrajas JR, Mcdonagh B, Bárcena JA, Requejo-Aguilar R, Padilla CA. Loss of peroxiredoxin 6 alters lipid composition and distribution resulting in increased sensitivity to ferroptosis. BIOCHEMICAL JOURNAL. 2024. 1997-2015. DOI: 10.1042/BCJ20240445. IF: 4,4 Q2 D3	GC02
Martin-Mateos R, Martínez-Arenas L, Carvalho-Gomes A, Aceituno L, Cadahía V, Salcedo M, Arias A, Lorente S, Odriozola A, Zamora J, Blanes M, Len O, Benítez L, Campos-Varela I, González-Diéguez ML, Lázaro DR, Fortún J, Cuadrado A, Carrasco NM, Rodríguez-Perálvarez M, Álvarez-Navascues C, Fábrega E, Serrano T, Cuervas-Mons V, Rodríguez M, Castells L, Berenguer M, Graus J, Albillos A. Multidrug-resistant bacterial infections after liver transplantation: Prevalence, impact, and risk factors. JOURNAL OF HEPATOLOGY. 2024. 904-912. DOI: 10.1016/j.jhep.2024.02.023. IF: 26,8 Q1 D1	GC02
Ferreiro-Iglesias R, Silva SP, Marín S, Casanova MJ, Mañosa M, González-Muñoz C, de Francisco R, Caballol B, Arias L, Piqueras M, Zabana Y, Rivero M, Calvet X, Mesonero F, Trastoy PV, Nistal RB, Perosanz RG, Vega P, Gonzalez-Vivo M, Iborra M, Bermejo F, Madero L, Rodríguez-Lago I, Gonzalez MR, Vera I, Díaz AP, Vela M, Medina LT, Van Domselaar M, Gomollón F, Iglesias E, Gisbert JP, Calafat M, Giordano A, Pérez-Martínez I, Ricart E, Sicilia B, Mena R, Esteve M, Rivas C, Brunet-Mas E, Fernández C, Turrión MAD, Jiménez BV, Calvo MQ, Expósito CR, Márquez-Mosquera L, Nos P, Granja A, Gutiérrez A, Cabriada JL, Cruz DH, Calvo M, Pérez JP, Díaz YR, Casal DB, Menacho M, Leal C, Lucendo AJ, Royo V, Olivares S, Herrero BA, Carrillo-Palau M, Alvarez PG, Marcos NM, Martínez-Pérez TD, Villafranca MCM, Almela P, Argüelles-Arias F, Legido J, Coronel AMF, Nieto L, Domènech E, Acosta MBD. Need for therapeutic escalation in patients with refractory ulcerative proctitis: Results from the PROCU study of the ENEIDA registry. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2024. 604-612. DOI: 10.1111/apt.18133. IF: 6,6 Q1 D1	GC02
Alvarado-Tapias E, Maya-Miles D, Albillos A, Aller R, Ampuero J, Andrade RJ, Arechederra M, Aspichueta P, Banales JM, Blas-Garcia A, Caparros E, Delgado TC, Carrillo-Vico A, Claria J, Cubero FJ, Diaz-Ruiz A, Fernandez-Barrena MG, Fernandez-Iglesias A, Fernandez-Veledo S, Frances R, Gallego-Duran R, Gracia-Sancho J, Irimia M, Lens S, Martinez-Chantar ML, Minguez B, Munoz-Hernandez R, Nogueiras R, Ramos-Molina B, Riveiro-Barciela M, Rodríguez-Peralvarez ML, Romero-Gomez M, Sabio G, Sancho-Bru P, Ventura-Cots M, Vidal S, Gahete MD. Proceedings of the 5th Meeting of Translational Hepatology, organized by the Spanish Association for the Study of the Liver (AEEH). GASTROENTEROLOGIA Y HEPATOLOGIA. 2024. -. DOI: 10.1016/j.gastrohep.2024.502207. IF: 2,2 Q3 D	GC02
Segura PS, Gomollón F, Casas D, Iborra M, Vela M, Fernández-Clotet A, Muñoz R, de la Filia IG, Prada MG, Rosique JAF, García MJ, de Francisco R, Arias L, Barrio J, Guerra I, Ponferrada A, Gisbert JP, Carrillo-Palau M, Calvet X, Márquez-Mosquera L, Gros B, Cañete F, Monfort D, Domínguez REM, Roncero O, Laredo V, Montoro M, Muñoz C, López-Cauce B, Lorente R, Coronel AF, Vega P, Martín D, Peña E, Varela P, Olivares S, Pajares R, Lucendo AJ, Sesé E, Mateu BB, Nos P, Domènech E, García-López S. Psoriasis induced by antiTNF therapy in inflammatory bowel disease: Therapeutic management and evolution of both diseases in a nationwide cohort study. DIGESTIVE AND LIVER DISEASE. 2024. 2060-2068. DOI: 10.1016/j.dld.2024.05.021. IF: 4 Q1 D3	GC02
Elford AT, Bishara M, Plevris N, Gros B, Constantine-Cooke N, Goodhand J, Kennedy NA, Ahmad T, Lees CW. Real-world effectiveness of upadacitinib in Crohn's disease: a UK multicentre retrospective cohort study. FRONTLINE GASTROENTEROLOGY. 2024. 297-304. DOI: 10.1136/flgastro-2024-102668. IF: 2,4 Q3 D	GC02
Aldars-García L, Gil-Redondo R, Embade N, Riestra S, Rivero M, Gutiérrez A, Rodríguez-Lago I, Fernández-Salazar L, Ceballos D, Benitez JM, Aguas M, Baston-Rey I, Bermejo F, Casanova MJ, Lorente R, Ber Y, Ginard D, Esteve M, de Francisco R, García MJ, Francés R, Pescador AR, Velayos B, del Río EG, Pedrosa SM, Sabater AM, Acosta MBD, Algaba A, Gil CV, Rivas O, Royo V, Aceituno M, Garre A, Baldán-Martín M, Ramírez C, Sanz-García A, Lozano JJ, Sidorova J, Millet O, Bernardo D, Gisbert JP, Chaparro M. Serum and Urine Metabolomic Profiling of Newly Diagnosed Treatment-Naive Inflammatory Bowel Disease Patients. INFLAMMATORY BOWEL DISEASES. 2024. 167-182. DOI: 10.1093/ibd/izad154. IF: 4,5 Q1 D3	GC02

PUBLICATIONS	IMIBIC GROUP
Gargallo-Puyuelo CJ, Ricart E, Iglesias E, de Francisco R, Gisbert JP, Taxonera C, Mañosa M, Peris MA, Navarrete-Muñoz EM, Sanahuja A, Guardiola J, Mesonero F, Tirado MR, Barrio J, Mendoza IV, Parga LD, García-Planella E, Calvet X, Arranz MDM, García S, Sicilia B, Carpio D, Domenech E, Gomollón F. Sex-Related Differences in the Phenotype and Course of Inflammatory Bowel Disease: SEXEII Study of ENEIDA. CLINICAL GASTROENTEROLOGY AND HEPATOLOGY. 2024. 2280-2290. DOI: 10.1016/j.cgh.2024.05.013. IF: 11,6 Q1 D1	GC02
Bastón-Rey I, Rodríguez-Lago I, Luque AM, Caballol B, Soutullo-Castiñeiras C, Bravo A, Castaño A, Gros B, Bernal L, Diz-Lois MT, Alonso-Galan H, Canete F, Castro B, Perez-Galindo P, Gonzalez-Munoz C, El Hajra I, Martínez-Montiel P, Alonso-Abreu I, Mesonero F, González-Vivo M, Peries L, Martín-Arranz E, Abril C, Marin-Jiménez I, Baltar R, Vicuña M, Moreno N, Brunet E, de Célix CR, Fajardo I, Cruz N, Calvino-Suárez C, Rojas-Feria M, Fernández-Clotet A, Gimeno-Torres M, Nieto-Garcia L, de la Iglesia D, Zabana Y, Suarez-Ferrer C, de Acosta MB. The Natural History of Patients With Pre-Existing and De Novo Inflammatory Bowel Disease After Solid Organ Transplantation: EITOS Study of GETECCU. INFLAMMATORY BOWEL DISEASES. 2024. 1-10. DOI: 10.1093/ibd/izae041. IF: 4,5 Q1 D2	GC02
Rodriguez-Tajes S, Garcia-Eliz M, Marcos AC, Varela IC, Ros AC, Loinaz C, Bravo MAG, Rodriguez-Peralvarez M, Fabrega E, Dieguez MLG, Vinaixa C, Pascasio JM, Vazquez IF, Baliellas C, Castells L, Salcedo M, Prieto M, Crespo G, Lens S, Forns X. The role of HBIG in real life for patients undergoing liver transplantation due to HDV-related cirrhosis. LIVER INTERNATIONAL. 2024. 279-285. DOI: 10.1111/liv.15777. IF: 6 Q1 D2	GC02
Gómez-Labrador C, Ricart E, Iborra M, Iglesias E, Martín-Arranz MD, de Castro L, De Francisco R, García-Alonso FJ, Sanahuja A, Gargallo-Puyuelo CJ, Mesonero F, Casanova MJ, Mañosa M, Rivero M, Calvo M, Sierra-Ausin M, González-Muñoz C, Calvet X, García-López S, Guardiola J, García LA, Márquez-Mosquera L, Gutiérrez A, Zabana Y, Navarro-Llavat M, Poyatos RL, Piqueras M, Torrealba L, Bermejo F, Ponferrada-Díaz A, Pérez-Calle JL, Barreiro-de Acosta M, Tejido C, Cabriada JL, Marín-Jiménez I, Roncero O, Ber Y, Fernández-Salazar L, Aler BC, Lucendo AJ, Llaó J, Bujanda L, Villafranca CM, Domènech E, Chaparro M, Gisbert JP. Trends in Targeted Therapy Usage in Inflammatory Bowel Disease: TRENDY Study of ENEIDA. PHARMACEUTICS. 2024. -. DOI: 10.3390/pharmaceutics16050629. IF: 4,9 Q1 D2	GC02
Lagal DJ, Montes-Osuna AM, Ortiz-Olivencia A, Arribas-Parejas C, Ortiz-Alcántara A, Pescuezo-Castillo C, Bárcena JA, Padilla CA, Requejo-Aguilar R. Tumoral Malignancy Decreases Coupled with Higher ROS and Lipid Peroxidation in HCT116 Colon Cancer Cells upon Loss of PRDX6. ANTIOXIDANTS. 2024. -. DOI: 10.3390/antiox13070881. IF: 6 Q1 D2	GC02
Rodríguez-Lago I, Gros B, Sánchez K, Arumi D, Fortes MD, Cábez A, Gismero FM. Uso de herramientas digitales en salud en enfermedad inflamatoria intestinal. GASTROENTEROLOGIA Y HEPATOLOGIA. 2024. -. DOI: 10.1016/j.gastrohep.2024.502200. IF: 2,2 Q3 D	GC02
De la Rosa-Riestra S, López-Hernández I, Pérez-Rodríguez MT, Sousa A, Agirre JG, Iglesias JMR, León E, Castillo CA, Gómez LS, Fernández-Natal I, Fernández-Suárez J, Boix-Palop L, Pedragosa JC, Jover-Sáenz A, Calvo JMS, Martín-Aspas A, Natera-Kindelán C, Jimenez AD, Carrasco AB, Amat AS, García DV, Pérez-Crespo PMM, López-Cortés LE, Rodríguez-Baño J. A comprehensive, predictive mortality score for patients with bloodstream infections (PROBAC): a prospective, multicentre cohort study. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2024. 1794-1800. DOI: 10.1093/jac/dkae093. IF: 3,9 Q1 D2	GC03
Okhuysen PC, Ramesh MS, Louie T, Kiknadze N, Torre-Cisneros J, de Oliveira CM, Van Steenkiste C, Stychneuskaya A, Garey KW, Garcia-Diaz J, Li, JL, Duperchy E, Chang BY, Sukbuntherng J, Montoya JG, Styles L, Clow F, James D, Dubberke ER, Wilcox M. A Randomized, Double-Blind, Phase 3 Safety and Efficacy Study of Ridinilazole Versus Vancomycin for Treatment of Clostridioides difficile Infection: Clinical Outcomes With Microbiome and Metabolome Correlates of Response. CLINICAL INFECTIOUS DISEASES. 2024. 1462-1472. DOI: 10.1093/cid/ciad792. IF: 11,8 Q1 D1	GC03

PUBLICATIONS	IMIBIC GROUP
Maldonado N, López-Hernández I, López-Cortés LE, Pérez-Crespo PMM, Retamar-Gentil P, García-Montaner A, Riestra SD, Sousa-Domínguez A, Goikoetxea J, Pulido-Navazo A, Ortíz MD, Natera-Kindelán C, Jover-Sáenz A, del Arco-Jiménez A, Armiñanzas-Castillo C, Aller-García AI, Fernández-Suárez J, Marrodán-Ciordia T, Boix-Palop L, Smithson-Amat A, Reguera-Iglesias JM, Galán-Sánchez F, Bahamonde A, Sánchez-Calvo JM, Gea-Lázaro I, Pérez-Camacho I, Reyes-Bertos A, Becerril-Carral B, Pascual A, Rodríguez-Baño J. Association of microbiological factors with mortality in Escherichia coli bacteraemia presenting with sepsis/septic shock: a prospective cohort study. CLINICAL MICROBIOLOGY AND INFECTION. 2024. 1035-1041. DOI: 10.1016/j.cmi.2024.04.001. IF: 10,9 Q1 D1	GC03
Paniagua-García M, Bravo-Ferrer JM, Pérez-Galera S, Kostyanev T, de Kraker MEA, Feifel J, Palacios-Baena ZR, Schotsman J, Cantón R, Daikos GL, Carevic B, Dragovac G, Tan LK, Raka L, Hristea A, Viale P, Akova M, Cano A, Reguera JM, Bartoloni A, Florescu SA, Benea S, Bukarica L, Asensio A, Kortén V, Grundmann H, Goossens H, Bonten MJ, Gutiérrez-Gutiérrez B, Rodríguez-Baño J. Attributable mortality of infections caused by carbapenem-resistant Enterobacterales: results from a prospective, multinational case-control-control matched cohorts study (EURECA). CLINICAL MICROBIOLOGY AND INFECTION. 2024. 223-230. DOI: 10.1016/j.cmi.2023.11.008. IF: 10,9 Q1 D1	GC03
Scharloo F, Dezza FC, López-Hernández I, Pérez-Crespo PMM, Aguirre AJG, Pérez-Rodríguez MT, Fernandez-Suarez J, Jiménez EL, Rodríguez MAM, Fernández-Natal I, Iglesias JMR, Kindelán CN, Alvares MCF, Boix-Palop L, Lopez-Cortes LE, Rodríguez-Baño J. Clinical characteristics, predisposing factors and outcomes for Enterococcus faecalis versus Enterococcus faecium bloodstream infections: a prospective multicentre cohort study. EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES. 2024. 2011-2022. DOI: 10.1007/s10096-024-04917-5. IF: 3,7 Q2 D3	GC03
Guedes M, Gathara D, López-Hernández I, Pérez-Crespo PMM, Pérez-Rodríguez MT, Sousa A, Plata A, Reguera-Iglesias JM, Boix-Palop L, Dietl B, Blanco JS, Castillo CA, Galán-Sánchez F, Kindelán CN, Jover-Saenz A, Aguirre JG, Alemán AA, Ciordia TM, Jiménez AD, Fernandez-Suarez J, Lopez-Cortes LE, Rodriguez-Baño J. Differences in clinical outcomes of bloodstream infections caused by Klebsiella aerogenes, Klebsiella pneumoniae and Enterobacter cloacae: a multicentre cohort study. ANNALS OF CLINICAL MICROBIOLOGY AND ANTIMICROBIALS. 2024. -. DOI: 10.1186/s12941-024-00700-8. IF: 4,6 Q1 D3	GC03
Tentoni N, Hwang M, Villanueva G, Combs R, Lowe J, Ramsey LB, Taylor ZL, Carrillo TM, Aumente MD, López TLV, Rizzari C, Howard SC. Early therapeutic drug monitoring of methotrexate and its association with acute kidney injury: A retrospective cohort study. CANCER MEDICINE. 2024. -. DOI: 10.1002/cam4.70176. IF: 2,9 Q2 D5	GC03
López-Cortés LE, Delgado-Valverde M, Moreno-Mellado E, Aguirre JG, Carrión LG, Vidal MJB, Soria LML, Pérez-Rodríguez MT, Lamas LM, de las Revillas FA, Arminanzas C, de Alegría-Puig CR, Aguilar PJ, Martínez-Rubio MD, Sáez-Bejar 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, Cuervo G, Laso JMG, Plata A, Cortés SP, Mato PL, Monzón JLS, Rosso-Fernández C, Bravo-Ferrer J, Retamar-Gentil P, Rodríguez-Baño J. Efficacy and safety of a structured de-escalation from antipseudomonal β-lactams in bloodstream infections due to Enterobacterales (SIMPLIFY): an open-label, multicentre, randomised trial. LANCET INFECTIOUS DISEASES. 2024. 375-385. DOI: 10.1016/S1473-3099(23)00686-2. IF: 36,4 Q1 D1	GC03
Fernández-Ruiz M, Castón JJ, del Pozo JL, Carratalà J, Fortún J, Salavert M, Torre-Cisneros J, Aguado JM. How can we optimize the diagnostic and therapeutic approach of pneumonia? Expert opinion-based recommendations. ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA. 2024. 442-452. DOI: 10.1016/j.eimc.2024.06.003. IF: 2,6 Q3 D	GC03
Kimura M, Rinaldi M, Kothari S, Giannella M, Anjan S, Natori Y, Phoompoung P, Gault E, Hand J, D’Asaro M, Neofytos D, Mueller NJ, Kremer AE, Rojko T, Ribnikar M, Silveira FP, Kohl J, Cano A, Torre-Cisneros J, San-Juan R, Aguado JM, Mansoor AER, George IA, Mularoni A, Russell G, Luong ML, AlJishi YA, AlJishi MN, Hamandi B, Selzner N, Husain S. Invasive aspergillosis in liver transplant recipients in the current era. AMERICAN JOURNAL OF TRANSPLANTATION. 2024. 2092-2107. DOI: 10.1016/j.ajt.2024.05.016. IF: 8,9 Q1 D1	GC03

PUBLICATIONS	IMIBIC GROUP
Fernández-Ruiz M, Gioia F, Bodro M, Martín I, Sabé N, Rodriguez-alvarez R, Corbella L, López-Viñau T, Valerio M, Illaro A, Salto-Alejandro S, Cordero E, Arnaiz de Las Revillas F, Fariñas M, Muñoz P, Vidal E, Carratalà J, Goikoetxea J, Ramos-Martínez A, Moreno A, Martín-Dávila P, Fortún J, Aguado J. Isavuconazole Versus Voriconazole as the First-line Therapy for Solid Organ Transplant Recipients With Invasive Aspergillosis: Comparative Analysis of 2 Multicenter Cohort Studies. TRANSPLANTATION. 2024. 2260-2269. DOI: 10.1097/TP.0000000000005082. IF: 5,5 Q1 D1	GC03
López-Viñau T, Muñoz-Rosa M, Ruiz-Lara LM, García-Martínez L, Machuca I, Gracia-Ahufinger I, Montero RR, Castón JJ, Cano A, Ruiz-Arabi E, del Prado JR, Salcedo I, Martínez-Martínez L, Torre-Cisneros J. Long-Term Clinical and Ecological Impact of an Antimicrobial Stewardship Program on the Incidence of Carbapenem-Resistant Klebsiella pneumoniae Infections in a High-Endemic Hospital. ANTIBIOTICS-BASEL. 2024. -. DOI: 10.3390/antibiotics13090792. IF: 4,3 Q1 D2	GC03
Ruiz-Arabi E, Torre-Cisneros J, Aguilera V, Alonso R, Berenguer M, Bestard O, Bodro M, Cantisan S, Carratalà J, Castón JJ, Cordero E, Facundo C, Fariñas MC, Fernández-Alonso M, Fernández-Ruiz M, Fortún J, García-Cosío MD, Herrera S, Iturbe-Fernández D, Len O, López-Medrano F, López-Oliva MO, Los-Arcos I, Marcos MA, Martín-Dávila P, Monforte V, Muñoz P, Navarro D, Páez-Vega A, Pérez AB, Redondo N, Alvarez RR, Rodríguez-Benot A, Rodríguez-Goncer I, San-Juan R, Sánchez-Céspedes J, Valerio M, Vaquero JM, Viasus D, Vidal E, Aguado JM. Management of cytomegalovirus in adult solid organ transplant patients: GESITRA-IC-SEIMC, CIBERINFEC, and SET recommendations update. TRANSPLANTATION REVIEWS. 2024. -. DOI: 10.1016/j.trre.2024.100875. IF: 3,6 Q1 D3	GC03
Elías-López C, Muñoz-Rosa M, Guzmán-Puche J, Pérez-Nadales E, Chicano-Galvez E, Martínez-Martínez L. Porin expression in clinical isolates of Klebsiella pneumoniae: a comparison of SDS-PAGE and MALDI-TOF/MS and limitations of whole genome sequencing analysis. ANNALS OF CLINICAL MICROBIOLOGY AND ANTIMICROBIALS. 2024. -. DOI: 10.1186/s12941-024-00761-9. IF: 4,6 Q1 D3	GC03
Fernández-Moreno R, Páez-Mega A, Rodríguez-Cano D, Salinas A, Rodríguez-Cantalejo F, Jurado A, Torre-Cisneros J, Cantisán S. QuantiFERON-CMV assay by chemiluminescence immunoassay: Is it more suitable for real-live monitoring of transplant patients?. JOURNAL OF CLINICAL VIROLOGY. 2024. -. DOI: 10.1016/j.jcv.2024.105651. IF: 4 Q2 D4	GC03
Tiseo G, Yahav D, Atamna A, Avni T, Causse M, Pérez-Nadales E, Mularoni A, Reigadas E, Olmedo-Samperio M, Fernández-Ruiz M, Palacios-Baena ZR, Rodríguez-Bano J, De Simone P, Biancofiore G, Sabik EF, Paul M, Aguado JM, Boggi U, Muñoz P, Torres-Cisneros J, Farcomeni A, Falcone M. Recurrent Clostridioides difficile infections in solid organ transplant recipients: The international CALIPSO study. JOURNAL OF INFECTION. 2024. -. DOI: 10.1016/j.jinf.2024.106306. IF: 14,3 Q1 D1	GC03
Zhou HY, Buetti N, Pérez-Galera S, Bravo-Ferrer J, Gutiérrez-Gutiérrez B, Paniagua-García M, Jan FF, Sauser J, Kostyanev T, Canton R, Tan LK, Basoulis D, Pintado V, Roilides E, Dragovac G, Torre-Cisneros J, Mediç D, Akova M, Goossens H, Bonten M, Harbarth S, Rodríguez-Baño J, De Kraker MEA. Risk factors for bloodstream infections due to carbapenem-resistant Enterobacterales: a nested case-control-control study. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2024. 2132-2141. DOI: 10.1093/jac/dkae157. IF: 3,9 Q1 D3	GC03
Kotton CN, Torre-Cisneros J, Yakoub-Agha I. Slaying the “Troll of Transplantation”-new frontiers in cytomegalovirus management. A report from the CMV International Symposium 2023. TRANSPLANT INFECTIOUS DISEASE. 2024. -. DOI: 10.1111/tid.14183. IF: 2,6 Q2 D5	GC03
Maldonado N, López-Hernández I, García-Montaner A, López-Cortés LE, Pérez-Crespo PMM, Retamar-Gentil P, Sousa-Domínguez A, Goikoetxea J, Pulido-Navazo A, Labayru-Echeverría C, Natera-Kindelán C, Jover-Sáenz A, del Arco-Jiménez A, Armiñanzas-Castillo C, Aller AI, Fernández-Suárez J, Marrodán-Ciordia T, Boix-Palop L, Smithson-Amat A, Reguera-Iglesias JM, Galán-Sánchez F, Bahamonde A, Calvo JMS, Gea-Lázaro I, Pérez-Camacho I, Reyes-Bertos A, Becerril-Carral B, Rodríguez-Baño J, Pascual A. Whole-genome characterisation of Escherichia coli isolates from patients with bacteraemia presenting with sepsis or septic shock in Spain: a multicentre cross-sectional study. LANCET MICROBE. 2024. e390-e399. DOI: 10.1016/S2666-5247(23)00369-5. IF: 20,9 Q1 D1	GC03

PUBLICATIONS	IMIBIC GROUP
Martell MB, Linton-Reid K, Hindocha S, Chen M, Moreno P, Alvarez-Benito M, Salvatierra A, Lee R, Posma JM, Calzado MA, Aboagye EO. Deep representation learning of tissue metabolome and computed tomography annotates NSCLC classification and prognosis. NPJ PRECISION ONCOLOGY. 2024. -. DOI: 10.1038/s41698-024-00502-3. IF: 6,8 Q1 D2	GC04
García-Martín A, Prados ME, Lastres-Cubillo I, Ponce-Díaz FJ, Cerero L, Garrido-Rodríguez M, Navarrete C, Pineda R, Rodríguez AB, Muñoz I, Moya J, Medeot A, Moreno JA, Chacón A, García-Revillo J, Muñoz E. Etrinabdione (VCE-004.8), a B55α activator, promotes angiogenesis and arteriogenesis in critical limb ischemia. JOURNAL OF TRANSLATIONAL MEDICINE. 2024. -. DOI: 10.1186/s12967-024-05748-w. IF: 6,1 Q2 D3	GC04
Burgaz S, Navarro E, Rodríguez-Carreiro S, Navarrete C, Garrido-Rodríguez M, Lastres-Becker I, Chocarro J, Lanciego JL, Muñoz E, Fernández-Ruiz J. Investigation in the cannabigerol derivative VCE-003.2 as a disease-modifying agent in a mouse model of experimental synucleinopathy. BEHAVIORAL AND BRAIN FUNCTIONS. 2024. -. DOI: 10.1186/s12993-024-00256-9. IF: 4,7 Q1 D2	GC04
López-Alcalá J, Gordon A, Trávez A, Tercero-Alcázar C, Correa-Sáez A, González-Rellán MJ, Rangel-Zúñiga OA, Rodríguez A, Membrives A, Frühbeck G, Nogueiras R, Calzado MA, Guzmán-Ruiz R, Malagón MM. Localization, traffic and function of Rab34 in adipocyte lipid and endocrine functions. JOURNAL OF BIOMEDICAL SCIENCE. 2024. -. DOI: 10.1186/s12929-023-00990-8. IF: 9 Q1 D1	GC04
Villa M, Martínez-Vega M, Silva L, Romero A, de Hoz-Rivera M, Prados ME, Muñoz E, Martínez-Orgado J. Neuroprotective effects of VCE-004.8 in a rat model of neonatal stroke. EUROPEAN JOURNAL OF PHARMACOLOGY. 2024. -. DOI: 10.1016/j.ejphar.2024.176554. IF: 4,2 Q1 D3	GC04
Alonso-Pérez V, Hernández V, Calzado MA, Vicente-Blázquez A, Gajate C, Soler-Torronteras R, DeCicco-Skinner K, Sierra A, Mollinedo F. Suppression of metastatic organ colonization and antiangiogenic activity of the orally bioavailable lipid raft-targeted alkylphospholipid edelfosine. BIOMEDICINE & PHARMACOTHERAPY. 2024. -. DOI: 10.1016/j.biopha.2024.116149. IF: 6,9 Q1 D1	GC04
Avendano MS, Perdices-Lopez C, Guerrero-Ruiz Y, Ruiz-Pino F, Rodriguez-Sanchez AB, Sanchez-Tapia MJ, Sobrino V, Pineda R, Barroso A, Correa-Saez A, Lara-Chica M, Fernandez-Garcia JC, Garcia-Redondo AB, Hernanz R, Ruiz-Cruz M, Garcia-Galiano D, Pitteloud N, Calzado MA, Briones AM, Vazquez MJ, Tena-Sempere M. The evolutionary conserved miR-137/325 tandem mediates obesity-induced hypogonadism and metabolic comorbidities by repressing hypothalamic kisspeptin. METABOLISM-CLINICAL AND EXPERIMENTAL. 2024. -. DOI: 10.1016/j.metabol.2024.155932. IF: 10,8 Q1 D1	GC04
Marras C, Labarga M, Ginard D, Carrascosa JM, Escudero-Contreras A, Collantes-Estevez E, de Mora F, Robles T, Romero E, Martinez R. An Educational Digital Tool to Improve the Implementation of Switching to a Biosimilar (Rapid Switch Trainer): Tool Development and Validation Study. JMIR FORMATIVE RESEARCH. 2024. -. DOI: 10.2196/56553. IF: 2 Q3 D	GC05
Navarro-Compán V, Benavent D, Capelusnik D, van der Heijde D, Landewé RBM, Poddubnyy D, van Tubergen A, Baraliakos X, Van den Bosch FE, van Gaalen FA, Gensler L, López-Medina C, Marzo-Ortega H, Molto A, Pérez-Alamino R, Rudwaleit M, van de Sande M, Sengupta R, Weber U, Ramiro S. ASAS consensus definition of early axial spondyloarthritis. ANNALS OF THE RHEUMATIC DISEASES. 2024. 1093-1099. DOI: 10.1136/ard-2023-224232. IF: 20,3 Q1 D1	GC05
Ribeiro LP, Curiel-Montero F, Rodrigues-de-Souza DP, Camargo PR, Albuquerque-Sendín F. Assessment of description and implementation fidelity of clinical trials involving exercise-based treatment in individuals with rotator cuff tears: a scoping review. BRAZILIAN JOURNAL OF PHYSICAL THERAPY. 2024. -. DOI: 10.1016/j.bjpt.2024.101062. IF: 3,1 Q1 D1	GC05
Gómez-García I, Ladehesa-Pineda ML, Diaz-Tocados JM, López-Medina C, Abalos-Aguilera MC, Ruiz-Vilches D, Paz-Lopez G, Gonzalez-Jimenez A, Ranea JAG, Escudero-Contreras A, Moreno-Indias I, Tinahones FJ, Collantes-Estévez E, Ruiz-Limón P. Bone metabolism and inflammatory biomarkers in radiographic and non-radiographic axial spondyloarthritis patients: a comprehensive evaluation. FRONTIERS IN ENDOCRINOLOGY. 2024. -. DOI: 10.3389/fendo.2024.1227196. IF: 3,9 Q1 D4	GC05

PUBLICATIONS	IMIBIC GROUP
Barbarroja N, López-Medina C, Escudero-Contreras A, Arias-de la Rosa I. Clinical and molecular insights into cardiovascular disease in psoriatic patients and the potential protective role of apremilast. FRONTIERS IN IMMUNOLOGY. 2024. -. DOI: 10.3389/fimmu.2024.1459185. IF: 5,7 Q1 D3	GC05
Rodriguez VR, Duran TI, Torgutalp M, López-Medina C, Dougados M, Kishimoto M, Ono K, Protopopov M, Haibel H, Rademacher J, Poddubnyy D, Proft F. Comparing clinical profiles in spondyloarthritis with Crohn’s disease or ulcerative colitis: insights from the ASAS-PerSpA study. RHEUMATOLOGY ADVANCES IN PRACTICE. 2024. -. DOI: 10.1093/rap/rkae064. IF: 2,1 Q3 D	GC05
Cruz-Medel I, Rodrigues-de-Souza DP, Albuquerque-Sendín F. Comprehensive Analysis of Pelvic Asymmetries in Low Back Pain, Scoliosis, Post-Traumatic Dysfunctions and Obstetric Changes: A Narrative Review Focused on Clinical Relevance. SYMMETRY-BASEL. 2024. -. DOI: 10.3390/sym16101304. IF: 2,2 Q2 D4	GC05
Jurado, PBG; Herrero, JJE; Galera, MSL; Acosta, SB; García-Revilla, J; Ugalde, PF; Benito, MA. Current Status of the clinical role in Spanish interventional radiology: An online survey among the Spanish Society of Vascular and Interventional Radiology (SERVEI) members. EUROPEAN JOURNAL OF RADIOLOGY. 2024. -. DOI: 10.1016/j.ejrad.2024.111829. IF: 3,2 Q1 D3	GC05
Sánchez-Mendoza LM, Pérez-Sánchez C, García-Caballero C, Pérez-Rodríguez M, Calero-Rodríguez P, Vellón-García B, Moreno JA, Burón MI, de Cabo R, González-Reyes J, Villalba JM. CYB5R3 overexpression exhibits sexual dimorphism: Mitochondrial and metabolic adaptations in transgenic female mice during calorie restriction. FREE RADICAL BIOLOGY AND MEDICINE. 2024. 69-86. DOI: 10.1016/j.freeradbiomed.2024.07.034. IF: 7,1 Q1 D1	GC05
Pérez-Rodríguez M, García-Verdugo A, Sánchez-Mendoza LM, Muñoz-Martín A, Bolaños N, Pérez-Sánchez C, Moreno JA, Burón MI, de Cabo R, González-Reyes JA, Villalba JM. Cytochrome b5 reductase 3 overexpression and dietary nicotinamide riboside supplementation promote distinctive mitochondrial alterations in distal convoluted tubules of mouse kidneys during aging. AGING CELL. 2024. -. DOI: 10.1111/accel.14273. IF: 8 Q1 D1	GC05
Bálbi GGM, Ahmadzadeh Y, Tektonidou MG, Pengo V, Sciascia S, Ugarte A, Belmont HM, Lopez-Pedrer​a C, Fortin PR, Wahl D, Gerosa M, de Jesús GR, Ji LL, Atsumi T, Efthymiou M, Branch DW, Nalli C, Almaraz ER, Petri M, Cervera R, Knight JS, Artim-Esen B, Willis R, Bertolaccini ML, Cohen H, Roubey R, Erkan D, de Andrade DCO. Damage measured by Damage Index for Antiphospholipid Syndrome (DIAPS) in antiphospholipid antibody-positive patients included in the APS ACTION registry. RHEUMATOLOGY. 2024. 772-779. DOI: 10.1093/rheumatology/kead292. IF: 4,7 Q1 D2	GC05
Michelena X, Zhao SS, Marco-Pascual C, Almirall M, Collantes-Estev​ez E, Font-Ugalde P, López-Medina C, Wei JCC, Morgan AW, Rodríguez J, Juanola X, Vázquez-Mellado J, Marzo-Ortega H. Diagnostic delay is associated with uveitis and inflammatory bowel disease in AS: a study of extra-musculoskeletal manifestations in SpA. RHEUMATOLOGY. 2024. 430-435. DOI: 10.1093/rheumatology/kead225. IF: 4,7 Q1 D2	GC05
Priego-Pérez C, Puche-Larrubia MA, Ladehesa-Pineda L, Calvo-Guitérrez J, Ortega-Castro R, Escudero-Contreras A, Barbarroja N, Collantes-Estévez E, López-Medina C. Different Therapeutic Response to Anti-TNF Drugs in Patients with Axial Spondyloarthritis Depending on Their Clinical Profile: An Unsupervised Cluster Analysis. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13071855. IF: 3 Q1 D2	GC05
Drouet J, Lopez-Medina C, Granger B, Fautrel B, Landewe RBM, Molto A, Gaujoux-Viala C, Kiltz U, Dougados M, Gossec L. Disease activity and widespread pain are main contributors to patient-reported global health in axial spondyloarthritis: an analysis of 6064 patients. RHEUMATOLOGY INTERNATIONAL. 2024. 1455-1468. DOI: 10.1007/s00296-024-05576-7. IF: 3,2 Q2 D4	GC05
Monfort J, Carrión-Barberà I, Tío L, Marante J, Vázquez AL, Bas T, Fernandez-Fuente-Burson L, Caracuel MA, Oliveros-Cid A, Gallart V, Romera-López C, Román JA, Abejón D, Ruíz LJR, Gurt A, Ojeda F, Grima P, Aldonza R. Evaluation of the Efficacy of the Addition of a Combination of Pyrimidine Nucleotides and Vitamin B1 and B12 to Standard Treatment in the Management of Painful Radiculopathy and in the Quality of Life of Patients. NUTRIENTS. 2024. -. DOI: 10.3390/nu16234187. IF: 4,8 Q1 D2	GC05

PUBLICATIONS	IMIBIC GROUP
Cuesta-López L, Escudero-Contreras A, Hanaee Y, Pérez-Sánchez C, Ruiz-Ponce M, Martínez-Moreno JM, Pérez-Pampin E, González A, Plasencia-Rodriguez C, Martínez-Feito A, Balsa A, López-Medina C, Ladehesa-Pineda L, Rojas-Giménez M, Ortega-Castro R, Calvo-Gutiérrez J, López-Pedrer​a C, Collantes-Estévez E, de la Rosa I, Barbarroja N. Exploring candidate biomarkers for rheumatoid arthritis through cardiovascular and cardiometabolic serum proteome profiling. FRONTIERS IN IMMUNOLOGY. 2024. -. DOI: 10.3389/fimmu.2024.1333995. IF: 5,7 Q1 D3	GC05
López-Medina C, Calvo-Gutiérrez J, Abalos-Aguilera MC, Cepas F, Plasencia-Rodríguez C, Martínez-Feito A, Balsa A, Faré-García R, Juan-Mas A, Ruiz-Esquide V, Sainz L, Díaz-Torné C, Godoy-Navarrete FJ, Añón-Oñate I, Mena-Vázquez N, Manrique-Arija S, Moreno-García MS, Ortega-Castro R, Escudero-Contreras A. Exploring the influence of baseline rheumatoid factor levels on TNF inhibitor retention rate in patients with rheumatoid arthritis: a multicentre and retrospective study. RMD OPEN. 2024. -. DOI: 10.1136/rmdopen-2023-003975. IF: 5,1 Q1 D2	GC05
Michelena X, Sepriano A, Zhao SS, López-Medina C, Collantes-Estévez E, Font-Ugalde P, Juanola X, Marzo-Ortega H. Exploring the unifying concept of spondyloarthritis: a latent class analysis of the REGISPONSER registry. RHEUMATOLOGY. 2024. 3098-3105. DOI: 10.1093/rheumatology/keae005. IF: 4,7 Q1 D2	GC05
Michelena X, López-Medina C, De Miguel E, Moreno-Ramos MJ, Queiro R, Marzo-Ortega H, Juanola X. How Are We Addressing Axial Psoriatic Arthritis in Clinical Practice?. RHEUMATOLOGY AND THERAPY. 2024. 1441-1456. DOI: 10.1007/s40744-024-00722-w. IF: 2,9 Q2 D4	GC05
Calvo-Gutiérrez J, López-Medina C, Otero-Varela L, Escudero-Contreras A, Ortega-Castro R, Ladehesa-Pineda L, Campos C, Bernabeu-Gonzalvez P, Pérez-Gómez A, García-Dorta A, Ruiz-Montesino D, Pombo-Suarez M, Ros-Vilamajo I, Sánchez-Alonso F, Castrejón I. Impact of multimorbidity on the first ts/bDMARD effectiveness and retention rate after two years of follow-up in patients with rheumatoid arthritis from the BIOBADASER registry. ARTHRITIS RESEARCH & THERAPY. 2024. -. DOI: 10.1186/s13075-024-03287-9. IF: 4,4 Q1 D3	GC05
Llop M, Gómez-García I, Gratacós J, Villoria A, Calvet J, Moreno M, Arévalo M, Cabanillas-Paredes M, Collantes-Estévez E, Vazquez-Mellado J, López-Medina C. Inflammatory bowel disease in axial spondyloarthritis patients. Is there any specific clinical picture? Data from the RESPONDIA and REGISPONSER registries. THERAPEUTIC ADVANCES IN MUSCULOSKELETAL DISEASE. 2024. -. DOI: 10.1177/1759720X241303316. IF: 3,4 Q2 D3	GC05
Garzón-Alfaro MT, Cruz-Medel I, Alcaraz-Clariana S, García-Luque L, Carmona-Pérez MC, Garrido-Castro JL, Albuquerque-Sendín F, Rodrigues-de-Souza DP. Influence of vaginal birth on lumbopelvic muscle mechanical properties on urinary incontinence. CLINICAL REHABILITATION. 2024. 558-568. DOI: 10.1177/02692155231224058. IF: 2,6 Q1 D2	GC05
Cruz-Medel I, Peña-Toledo MA, Albuquerque-Sendín F, Rodrigues-de-Souza DP, Conde-Gavilán C, Jover-Sánchez AM, Carmona-Medialdea C, Agüera-Morales E. Lumbopelvic Muscle Mechanical Properties in Women with Multiple Sclerosis: A Cross-Sectional Case-Controlled Study. BIOMEDICINES. 2024. -. DOI: 10.3390/biomedicines12122925. IF: 3,9 Q1 D3	GC05
Alcaraz-Clariana S, García-Luque L, Garrido-Castro JL, Carmona-Pérez C, Rodrigues-de-Souza DP, Pineda MLL, Albuquerque-Sendín F. Lumbopelvic rhythm analysis by quartiles: Identification of differences in lumbar and pelvic contribution during trunk flexion and extension in subjects with low back pain of different origin. A case-control study. JOURNAL OF BIOMECHANICS. 2024. -. DOI: 10.1016/j.jbiomech.2024.112438. IF: 2,4 Q3 D	GC05
Parodis I, Lindblom J, Barturen G, Ortega-Castro R, Cervera R, Pers JO, Genre F, Hiepe F, Gerosa M, Kovács L, De Langhe E, Piantoni S, Stummvoll G, Vasconcelos C, Vigone B, Witte T, Alarcón-Riquelme ME, Beretta L. Molecular characterisation of lupus low disease activity state (LLDAS) and DORIS remission by whole-blood transcriptome-based pathways in a pan-European systemic lupus erythematosus cohort. ANNALS OF THE RHEUMATIC DISEASES. 2024. 889-900. DOI: 10.1136/ard-2023-224795. IF: 20,3 Q1 D1	GC05
Garzón-Alfaro MT, Cruz-Medel I, Alcaraz-Clariana S, García-Luque L, Carmona-Pérez C, Garrido-Castro JL, Albuquerque-Sendín F, Rodrigues-de-Souza DP. Muscle mechanical properties of pelvic floor and paravertebral muscles in women with and without urge urinary incontinence: a case-control study. BRAZILIAN JOURNAL OF PHYSICAL THERAPY. 2024. -. DOI: 10.1016/j.bjpt.2024.101114. IF: 3,1 Q1 D1	GC05

PUBLICATIONS	IMIBIC GROUP
López-Pedrer a C, Cerdó T, Jury EC, Muñoz-Barrera L, Escudero-Contreras A, Aguirre MA, Pérez-Sánchez C. New advances in genomics and epigenetics in antiphospholipid syndrome. RHEUMATOLOGY. 2024. SI14-SI23. DOI: 10.1093/rheumatology/kead575. IF: 4,7 Q1 D2	GC05
Kiltz U, Molto A, Lopez-Medina C, Dougados M, van der Heijde D, Boonen A, van den Bosch F, Braun J. Performance of cut-offs of the ASAS Health Index to discriminate between treatment groups in patients with axial spondyloarthritis in the TICOSPA trial. SEMINARS IN ARTHRITIS AND RHEUMATISM. 2024. -. DOI: 10.1016/j.semarthrit.2024.152542. IF: 4,6 Q1 D2	GC05
Muñoz-Barrera L, Perez-Sanchez C, Ortega-Castro R, Corrales S, Luque-Tev ar M, Cerdó T, Sanchez-Pareja I, Font P, Lopez-Mejías R, Calvo J, Abalos-Aguilera MC, Ruiz-Vílchez D, Segui P, Merlo C, Perez-Venegas J, Montesino MDR, Rodriguez-Escalera C, Barco CR, Fernandez-Nebro A, Vazquez NM, Marenc o JL, Montañes JU, Godoy-Navarrete J, Cabezas-Lucena AM, Estevez EC, Aguirre MA, González-Gay MA, Barbarroja N, Escudero-Contreras A, Lopez-Pedrer a C. Personalized cardiovascular risk assessment in Rheumatoid Arthritis patients using circulating molecular profiles and their modulation by TNFi, IL6Ri, and JAKinibs. BIOMEDICINE & PHARMACOTHERAPY. 2024. -. DOI: 10.1016/j.biopha.2024.116357. IF: 6,9 Q1 D1	GC05
Mena-Vázquez N, Redondo-Rodriguez R, Rojas-Gimenez M, Romero-Barco CM, Fuego-Varela C, Perez-Gómez N, Añón-Oñate I, Pérez PC, García-Studer A, Hidalgo-Conde A, de los Ríos RAD, Cabrera-César E, Velloso-Feijoo ML, Manrique-Arija S, Calvo-Gutiérrez J, Gandía-Martínez M, Morales-Garrido P, Godoy-Navarrete FJ, Mouriño-Rodriguez C, Espildora F, Aguilar-Hurtado MC, Fernández-Nebro A. Rate of severe and fatal infections in a cohort of patients with interstitial lung disease associated with rheumatoid arthritis: a multicenter prospective study. FRONTIERS IN IMMUNOLOGY. 2024. -. DOI: 10.3389/fimmu.2024.1341321. IF: 5,7 Q1 D3	GC05
Exposito L, Sánchez-Piedra C, Vela-Casasempere P, Moreno-Ramos MJ, Campos C, Bohorquez C, Manero J, Calvo-Gutiérrez J, Rodríguez-Lozano C, Ruiz-Montesino D, Busquets N, Garcia-González J, Castrejón I, Alonso F, Bustabad S, Diaz-González F. Real-world persistence of initial targeted therapy strategy in monotherapy versus combination therapy in patients with chronic inflammatory arthritis. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION. 2024. -. DOI: 10.1111/eci.14095. IF: 4,4 Q1 D2	GC05
Molto A, López-Medina C, Sepriano A, Ramiro S, de Hooge M, van Lunteren M, Navarro-Compán V, Wendling D, Dougados M. Sacroiliac radiographic progression over 10 years in axSpA: data from the DESIR inception cohort. ANNALS OF THE RHEUMATIC DISEASES. 2024. 858-864. DOI: 10.1136/ard-2023-225184. IF: 20,3 Q1 D1	GC05
López-Medina C, Molto A, Sepriano A, Ramiro S, Tournadre A, Dougados M. Sensitivity to change of structural outcomes in axial spondyloarthritis after 10 years of follow up. Data from the DESIR cohort. RMD OPEN. 2024. 1-7. DOI: 10.1136/rmdopen-2024-004400. IF: 5,1 Q1 D2	GC05
Llop M, Gratacós J, Moreno M, Salaet MA, Calvet J, Berenguer-Ll ergo A, Dougados M, Molto A, López-Medina C. Sex differential impact of comorbidities in spondyloarthritis: data from COMOSPA study. RMD OPEN. 2024. -. DOI: 10.1136/rmdopen-2023-003776. IF: 5,1 Q1 D2	GC05
Ferraz-Amaro I, Genre F, Blanco R, Calvo-Rio V, Corrales-Sel aya C, Portilla V, Aurrecoechea E, Batanero R, Hernández- Hernández V, Quevedo-Abeledo JC, Rodríguez-Lozano C, López-Medina C, Ladehesa-Pineda L, Castañeda S, Vicente-Rabaneda EF, Fernández-Carballido C, Vidal MPM, Corredor DC, Fernández JA, Peiteado D, Plasencia-Rodríguez C, Expósito R, Vivar MLG, Galíndez-Agirregoikoa E, Vegas N, Urionagüena I, Montes-Perez E, Gonzalez-Gay MA, Rueda-Gotor J. Sex-specific impact of inflammation on traditional cardiovascular risk factors and atherosclerosis in axial spondyloarthritis. A multicentre study of 913 patients. RMD OPEN. 2024. -. DOI: 10.1136/rmdopen-2024-004187. IF: 5,1 Q1 D2	GC05
Montero-Hidalgo AJ, Jiménez-Vacas JM, Gómez-Gómez E, Porcel-Pastrana F, Sáez-Martínez P, Pérez-Gómez JM, Fuentes-Fayos AC, Blázquez-Encinas R, Sánchez-Sánchez R, González-Serrano T, Castro E, López-Soto PJ, Carrasco-Valiente J, Sarmiento-Cabral A, Martínez-Fuentes AJ, Eyras E, Castaño JP, Sharp A, Olmos D, Gahete MD, Luque RM. SRSF6 modulates histone-chaperone HIRA splicing to orchestrate AR and E2F activity in prostate cancer. SCIENCE ADVANCES. 2024. -. DOI: 10.1126/sciadv.ado8231. IF: 11,7 Q1 D1	GC05
López-Medina C, McGonagle D, Gossec L. Subclinical psoriatic arthritis and disease interception-where are we in 2024?. RHEUMATOLOGY. 2024. 56-64. DOI: 10.1093/rheumatology/keae399. IF: 4,7 Q1 D2	GC05

PUBLICATIONS	IMIBIC GROUP
López-Maraver M, Serrano-Combarro A, Atienza-Mateo B, del Val N, Casafont-Sole I, Melero-Gonzalez RB, Pérez-Linaza A, Gutiérrez JC, Mena-Vázquez N, Vegas-Revenge a N, Domínguez-Casas L, Martos JL, Ginés CAP, Morrondo CD, Albaladejo LP, Sánchez RL, Canabal MGM, Brandy-García AM, Viejo PL, Bonilla G, Maiz-Alonso O, Carrasco-Cubero C, Bufort MG, Moreno M, Urruticoechea-Arana A, Ordóñez-Palau S, González-Montagut C, Serret EG, De Aberasturi JRDJ, Morillo FL, Rodríguez TV, Carreira PE, Madrigal JMB, Ibáñez BM, López MR, Fernández-Díaz C, Loricera J, Ferraz-Amaro I, Ferrer-Pargada D, Castañeda S, Blanco R. Subcutaneous vs intravenous abatacept in rheumatoid arthritis-interstitial lung disease. National multicentre study of 397 patients. SEMINARS IN ARTHRITIS AND RHEUMATISM. 2024. -. DOI: 10.1016/j.semarthrit.2024.152517. IF: 4,6 Q1 D2	GC05
Ruiz-Vílchez D, Ladehesa-Pineda L, Puche-Larrubia MA, Abalos-Aguilera MC, Font-Ugalde P, Escudero-Contreras A, Collantes-Estévez E, López-Medina C. The socioeconomic status of patients with ankylosing spondylitis and its association with the burden of the disease and permanent disability: a cross-sectional cluster analysis. THERAPEUTIC ADVANCES IN MUSCULOSKELETAL DISEASE. 2024. -. DOI: 10.1177/1759720X241272947. IF: 3,4 Q2 D3	GC05
Yelnik CM, Erton ZB, Drumez E, Cheildze D, de Andrade D, Clarke A, Tektonidou MG, Sciascia S, Pardos-Gea J, Pengo V, Ruiz-Irastorza G, Belmont HM, Pedrera CL, Fortin PR, Wahl D, Gerosa M, Kello N, Signorelli F, Atsumi T, Ji LL, Efthymiou M, Branch DW, Nalli C, Rodríguez-Almaraz E, Petri M, Cervera R, Shi H, Zuo Y, Artim-Esen B, Pons-Estel G, Willis R, Barber MRW, Skeith L, Bertolaccini ML, Cohen H, Roubey R, Erkan D. Thrombosis recurrence and major bleeding in non-anticoagulated thrombotic antiphospholipid syndrome patients: Prospective study from antiphospholipid syndrome alliance for clinical trials and international networking (APS ACTION) clinical database and repository (“Registry”). SEMINARS IN ARTHRITIS AND RHEUMATISM. 2024. -. DOI: 10.1016/j.semarthrit.2023.152347. IF: 4,6 Q1 D2	GC05
Lopez-Medina C, Kalyoncu U, Gossec L. Unmet needs in psoriatic arthritis, a narrative review. ARCHIVES OF RHEUMATOLOGY. 2024. 159-171. DOI: 10.46497/ArchRheumatol.2024.10710. IF: 1,1 Q4 D	GC05
López-Medina C, van den Bosch F, van der Heijde D, Dougados M, Molto A. When Usual Care Is Not So Usual: Protocol Violations and Generalizability in a Treat-to-Target Strategy Trial in Patients With Axial Spondyloarthritis. ARTHRITIS CARE & RESEARCH. 2024. 1540-1548. DOI: 10.1002/acr.25387. IF: 3,7 Q1 D3	GC05
Flores-Paco P, Vargas-Aliaga A, Guevara MG, Lopera I, Ruiz LR, López-Herrero M, Camús JA, Lopez-González J, Inga-Saavedra E, Montero M, Barneto I, Gómez-España MA, Ruiz E, Ruza M, Armenta A, Palacios A, de la Haba-rodríguez JR, Aranda E. A new updated prognostic index for patients with brain metastases (BMs) treated with palliative whole brain radiotherapy (WBRT) in the era of precision oncology. METASNC ore project. JOURNAL OF NEURO-ONCOLOGY. 2024. 407-413. DOI: 10.1007/s11060-024-04618-1. IF: 3,2 Q2 D3	GC06
Alors-Pérez E, Pedraza-Arevalo S, Blázquez-Encinas R, García-Vioque V, Agraz-Doblas A, Yubero-Serrano EM, Sánchez-Frías ME, Serrano-Blanch R, Gálvez-Moreno MA, Gracia-Navarro F, Gahete MD, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Altered CELF4 splicing factor enhances pancreatic neuroendocrine tumors aggressiveness influencing mTOR and everolimus response. MOLECULAR THERAPY NUCLEIC ACIDS. 2024. -. DOI: 10.1016/j.omtn.2023.102090. IF: 6,5 Q1 D2	GC06
Provencio M, de Lope LR, Serna-Blasco R, Nadal E, Tain PD, Massuti B, González-Larriba JL, Insa A, Sánchez-Hernández A, Casal-Rubio J, Garcia-Campelo R, López SS, Rogado J, Martínez-Martí A, Bosch-Barrera J, Bernabé R, Estévez SV, Ponce S, de Castro J, Sarto JC, Reguart N, Dómine M, Aguilar A, Majem M, Estival A, Cabia SP, Martín AL, González MAS, Cobo M, Camps C, Barneto I, Calvo V, Collazo-Lorduy A, Cruz-Bermúdez A, Romero A. BRAF mutational status is associated with survival outcomes in locally advanced resectable and metastatic NSCLC. LUNG CANCER. 2024. -. DOI: 10.1016/j.lungcan.2024.107865. IF: 4,5 Q1 D2	GC06
De Heredia APLF, Ortiz MR, Cabeza AIP, Expósito AD, Valenzuela MIF, Bailén MC, Cubiles IAD, Vega AM, Aguilar MZ, Muñoz MC, Manrique TG, Ll ergo JT, Granados ALO, Fernández JJS, Cadenas JC, Rubio DM. Clinical outcomes and mortality in patients with atrial fibrillation and recently diagnosed lung cancer in oncology outpatient settings. CURRENT PROBLEMS IN CARDIOLOGY. 2024. -. DOI: 10.1016/j.cpcardiol.2023.102239. IF: 3 Q2 D4	GC06

PUBLICATIONS	IMIBIC GROUP
García-Alfonso P, Vera R, Aranda E, Elez E, Rivera F. Delphi consensus for the third-line treatment of metastatic colorectal cancer. CLINICAL & TRANSLATIONAL ONCOLOGY. 2024. 1429-1437. DOI: 10.1007/s12094-023-03369-1. IF: 2,8 Q2 D5	GC06
Márquez-Rodas I, Alvarez A, Arance A, Valduviego I, Berciano-Guerrero MA, Delgado R, Soria A, Campos FL, Sánchez P, Romero JL, Martín-Liberal J, Lucas A, Díaz-Beveridge R, Conde-Moreno AJ, de la Gala MDA, García-Castaño A, Prada PJ, Cao MG, Puertas E, Vidal J, Foro P, de la Rosa CA, Corona JA, Cerezuela-Fuentes P, López P, Luna P, Aymar N, Puértolas T, Sanagustín P, Berrocal A. Encorafenib and binimetinib followed by radiotherapy for patients with BRAFV600-mutant melanoma and brain metastases (E-BRAIN/GEM1802 phase II study). NEURO-ONCOLOGY. 2024. 2074-2083. DOI: 10.1093/neuonc/noae116. IF: 16,4 Q1 D1	GC06
Climent MA, Alvarez C, Morales R, Maroto P, Rodríguez-Vida A, Méndez-Vidal MJ, del Muro XG, Puente J, Láinez N, Vázquez S, Castellano D, Lang CG, Wang J, di Pietro A, Davis C, Sanz-Castillo B, Bolós MV, Valderrama BP. Exploratory analyses of treatment subgroup interaction by PD-L1 status and according to PD-L1 expression in the JAVELIN Bladder 100 trial. CLINICAL & TRANSLATIONAL ONCOLOGY. 2024. 1532-1538. DOI: 10.1007/s12094-023-03358-4. IF: 2,8 Q2 D5	GC06
de la Haba-Rodríguez JR, Mínguez P, Rojo F, Martín M, Alba E, Servitja S, Prat A, Pérez-Fidalgo JA, Gavilá J, Morales C, Rodríguez-Lescure A, Herrero C, Peña-Enriquez R, Herranz J, Hernando C, Hernández-Blanquisset A, Guil-Luna S, Martinez MT, Blanch S, Caballero R, Martín N, Pollán M, Guerrero-Zotano A, Bermejo B. Gestational breast cancer: distinctive molecular and clinico-epidemiological features. JOURNAL OF MAMMARY GLAND BIOLOGY AND NEOPLASIA. 2024. -. DOI: 10.1007/s10911-024-09571-3. IF: 3 Q2 D5	GC06
Salguero J, Chamorro L, Gómez-Gómez E, Robles JE, Campos JP. Graft survival and delayed graft function with normothermic regional perfusion and rapid recovery after circulatory death in kidney transplantation: a propensity score matching study. MINERVA UROLOGY AND NEPHROLOGY. 2024. 60-67. DOI: 10.23736/S2724-6051.23.05393-4. IF: 4,9 Q1 D2	GC06
Rodríguez-Lescure A, Gallego J, Garcia-Alfonso P, Massuti B, Marquez R, Calvo L, Sanchez-Rovira P, Anton A, Chacon JI, Ciruelos E, Ponce JJ, Santaballa A, Valladares-Ayerbes M, Dueñas MR, Alonso V, Aparicio J, Encinas S, Robles L, Escudero MJ, Caballero R, Bezares S, de la Haba-Rodriguez J. Hypertension as predictive factor for bevacizumab-containing first-line therapy in metastatic breast and colorectal cancer in BRECOL (GEICAM/2011-04) study. CLINICAL & TRANSLATIONAL ONCOLOGY. 2024. 1896-1907. DOI: 10.1007/s12094-024-03411-w. IF: 2,8 Q2 D5	GC06
Motzer RJ, Porta C, Eto M, Powles T, Gruenwald V, Hutson TE, Alekseev B, Rha SY, Merchan J, Goh JC, Lalani AKA, De Giorgi U, Melichar B, Hong SH, Gurney H, Mendez-Vidal MJ, Kopyltsov E, Tjulandin S, Gordoa TA, Kozlov V, Alyasova A, Winkvist E, Maroto P, Kim M, Peer A, Procopio G, Takagi T, Wong SR, Bedke J, Schmidinger M, Rodríguez-Lopez K, Burgents J, He CX, Okpara CE, Mckenzie J, Choueiri TK. Lenvatinib Plus Pembrolizumab Versus Sunitinib in First-Line Treatment of Advanced Renal Cell Carcinoma: Final Prespecified Overall Survival Analysis of CLEAR, a Phase III Study. JOURNAL OF CLINICAL ONCOLOGY. 2024. 1222-1228. DOI: 10.1200/JCO.23.01569. IF: 42,1 Q1 D1	GC06
García-Alfonso P, Elez E, Soto-Alsar J, Páez D, Fernández-Montes A, Graña B, Salud A, Yubero A, Gómez-España MA, Macías I, Quintero G, López-López C, Fernández-Rodríguez T, Grávalos C, González-Flores E, Guix M, Paredes BG, Reina JJ, Mowbray JRR, Sastre J, Aranda E. Maintenance with 5-FULV-aflibercept after induction with FOLFIRI-aflibercept versus FOLFIRI-aflibercept until progression as second-line treatment in older adults with metastatic colorectal cancer: the AFEMA phase II randomized trial. ESMO OPEN. 2024. -. DOI: 10.1016/j.esmoop.2024.103986. IF: 7,1 Q1 D2	GC06
Montes AF, Elez E, de la Haba-Rodriguez J, Paez D, Mendez-Vidal MJ, Felip E, Rodríguez-Lescure A. Medical oncology workload, workforce census, and needs in Spain: two nationwide studies by the Spanish Society of medical oncology. CLINICAL & TRANSLATIONAL ONCOLOGY. 2024. 98-108. DOI: 10.1007/s12094-023-03225-2. IF: 2,8 Q2 D5	GC06

PUBLICATIONS	IMIBIC GROUP
Guerrero-Zotano A, Pérez-García JM, Ruiz-Borrego M, Bermejo B, Gil-Gil M, de la Haba J, Conejo EA, Quiroga , Carañana , Urruticoechea A, Morales S, Bellet M, Antón A, Fernández-Abad M, Sánchez-Rovira P, Calabuig L, Pérez-Escuredo J, Sampayo-Cordero M, Cortés J, Llombart-Cussac A. Neoadjuvant letrozole and palbociclib in patients with HR-positive/HER2-negative early breast cancer and Oncotype DX Recurrence Score ≥18: DxCARTES study. ESMO OPEN. 2024. -. DOI: 10.1016/j.esmoop.2024.103733. IF: 7,1 Q1 D2	GC06
Vargas-Aliaga A, de la Haba M, Contreras MJ, Estevez CM, Porras I, Cano MT, Pulido G, Gómez MA, Flores-Paco P, Juan DLHR, Aranda E. NeuroPredict: study of the predictive value of ABCB1 genetic polymorphisms and associated clinical factors in chronic chemotherapy-induced peripheral neuropathy (CIPN). FRONTIERS IN PHARMACOLOGY. 2024. -. DOI: 10.3389/fphar.2024.1352939. IF: 4,4 Q1 D2	GC06
Brozos-Vázquez E, Toledano-Fonseca M, Costa-Fraga N, García-Ortiz MV, Díaz-Lagares A, Rodríguez-Ariza A, Aranda E, López-López R. Pancreatic cancer biomarkers: A pathway to advance in personalized treatment selection. CANCER TREATMENT REVIEWS. 2024. -. DOI: 10.1016/j.ctrv.2024.102719. IF: 9,6 Q1 D1	GC06
Molina-Alejandro M, Perea F, Calvo V, Martinez-Toledo C, Nadal E, Sierra-Rodero B, Casarrubios M, Casal-Rubio J, Martinez-Martí A, Insa A, Massuti B, Viteri S, Aranda IB, Rodríguez-Abreu D, de Castro J, Martínez JM, Cobo M, Wistuba II, Parra ER, Martín-López J, Megías D, Muñoz-Viana R, Garrido F, Aptsiauri N, Ruiz-Cabello F, Provencio M, Cruz-Bermúdez A. Perioperative chemoimmunotherapy induces strong immune responses and long-term survival in patients with HLA class I-deficient non-small cell lung cancer. JOURNAL FOR IMMUNOTHERAPY OF CANCER. 2024. -. DOI: 10.1136/jitc-2024-009762. IF: 10,3 Q1 D1	GC06
Grünwald V, Powles T, Eto M, Kopyltsov E, Rha SY, Porta C, Motzer R, Hutson TE, Méndez-Vidal MJ, Hong SH, Winkvist E, Goh JC, Maroto P, Buchler T, Takagi T, Burgents JE, Perini R, He C, Okpara CE, McKenzie J, Choueiri TK. Phase 3 CLEAR study in patients with advanced renal cell carcinoma: outcomes in subgroups for the lenvatinib-plus-pembrolizumab and sunitinib arms. ONKOUROLOGIYA. 2024. 24-35. DOI: 10.17650/1726-9776-2024-20-1-24-35. IF: 0,4 Q4 D	GC06
Perez-Navarro E, Conteduca V, Funes JM, Dominguez JI, Martín-Serrano M, Cremaschi P, Fernandez-Perez M, Gordoa TA, Font A, Vázquez-Estévez S, González-del-Alba A, Wetterskog D, Mellado B, Fernandez-Calvo O, Méndez-Vidal M, Climent M, Duran I, Gallardo E, Sanchez A, Santander C, Sáez M, Puente J, Tudela J, Marinas C, López-Andreo M, Castellano D, Attard G, Grande E, Rosino A, Botia JA, Palma-Mendez J, De Giorgi U, Gonzalez-Billalabeitia E. Prognostic Implications of Blood Immune-Cell Composition in Metastatic Castration-Resistant Prostate Cancer. CANCERS. 2024. -. DOI: 10.3390/cancers16142535. IF: 4,5 Q1 D3	GC06
Alonso-Gordoa T, Jimenez-Fonseca P, Martinez-Trufero J, Navarro M, Porras I, Rubió-Casadevall J, Valles MA, Basté N, Hernando J, Docampo LI. SEOM-GETNE-TTCC Clinical guideline thyroid cancer (2023). CLINICAL & TRANSLATIONAL ONCOLOGY. 2024. 2902-2916. DOI: 10.1007/s12094-024-03736-6. IF: 2,8 Q2 D5	GC06
Arija JAA, del Muro XG, Caro RL, Mendez-Vidal MJ, Perez-Valderrama B, Aparicio J, Duran MAC, Diaz CC, Duran I, Gonzalez-Billalabeitia E. SEOM-GG clinical guidelines for the management of germ-cell testicular cancer (2023). CLINICAL & TRANSLATIONAL ONCOLOGY. 2024. 2783-2799. DOI: 10.1007/s12094-024-03532-2. IF: 2,8 Q2 D5	GC06
Valladares-Ayerbes M, Safont MJ, Flores EG, García-Alfonso P, Aranda E, Muñoz AML, Ferrer EF, Nogueras LC, Rodríguez-Salas N, Aparicio J, Muñoz ML, Cáceres PPP, Trujillo OAC, Tocino RV, Fernández MS, Salud-Salvia A, Sureda BM, Garcia-Carbonero R, Conesa MAV, Vila AL. Sequential RAS mutations evaluation in cell-free DNA of patients with tissue RAS wild-type metastatic colorectal cancer: the PERSEIDA (Cohort 2) study. CLINICAL & TRANSLATIONAL ONCOLOGY. 2024. 2640-2651. DOI: 10.1007/s12094-024-03487-4. IF: 2,8 Q2 D5	GC06
Herrera-Martínez AD, Romo AN, León-Idougourram S, Muñoz-Jiménez C, Rodríguez-Alonso R, García GM, Camacho-Cardenosa M, Casado-Diaz A, Gálvez-Moreno MA, Puertas MJM, Roger AJ. Systemic Inflammation in Oncologic Patients Undergoing Systemic Treatment and Receiving Whey Protein-Based Nutritional Support. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25115821. IF: 4,9 Q1 D3	GC06

PUBLICATIONS	IMIBIC GROUP
Batista MV, Pérez-García JM, Cortez P, Garrigós L, Fernández-Abad M, Gion M, Martínez-Bueno A, Saavedra C, Teruel I, Fernandez-Ortega A, Servitja S, Ruiz-Borrego M, de la Haba-Rodríguez J, Martrat G, Pérez-Escuredo J, Alcalá-López D, Sampayo-Cordero M, Braga S, Cortés J, Llombart-Cussac A. Trastuzumab deruxtecan in patients with previously treated HER2-low advanced breast cancer and active brain metastases: the DEBBRAH trial. ESMO OPEN. 2024. -. DOI: 10.1016/j.esmoop.2024.103699. IF: 7,1 Q1 D2	GC06
Carballal S, Balaguer F, Bujanda L, Capellá G, Santiago SG, Jover R, Moreira L, Pineda M, Ruiz-Ponte C, Heras ABS, Blanch RS, Soto JL, Tocino RV, Cubiella J. Use of multi-gene panels in patients at high risk of hereditary digestive cancer: position statement of AEG, SEOM, AEGH and IMPaCT-GENÓMICA consortium. GASTROENTEROLOGIA Y HEPATOLOGIA. 2024. 293-318. DOI: 10.1016/j.gastrohep.2023.06.004. IF: 2,2 Q3 D	GC06
de Mier MVPR, Santamaría R, Moyano-Peregrín C, Gordillo JE, Salmoral-Chamizo A, López-López I, Rodelo-Haad C, Valle C, Membrives-González C, López-Ruiz DJ, Alvarez-Benito M, López-Baltanás R, Torralbo AI, Valdés-Díaz KC, García-Sáez RM, Jurado-Montoya D, Pinaglia-Tobaruela G, Martínez-Moreno JM, Martín-Malo A, Soriano S, Rodríguez M, Rodríguez-Ortiz ME, Muñoz-Castañeda JR. Bone and vascular effects of magnesium supplements in CKD patients (the MagicalBone Pilot Study). NEFROLOGIA. 2024. 721-730. DOI: 10.1016/j.nefro.2024.02.003. IF: 2 Q2 D5	GC07
Kramer A, Jager KJ, Chesnaye NC, Kerschbaum J, Hommel K, Farnés JC, Alemán ST, Santamaria R, Finne P, Hemmelder MH, Åsberg A, Nitsch D, Ambühl P, Sorensen SS, Sánchez-Alvarez JE, Segelmark M, Resic H, Ots-Rosenberg M, Radunovic D, Palsson R, de Pablos CS, Arévalo OLR, Legeai C, Lausevic M, Bakaloglu SA, Ortiz A, Stel VS. Changes in the epidemiology of kidney replacement therapy across Europe in 2020-the first year of the COVID-19 pandemic: an ERA Registry study. NEPHROLOGY DIALYSIS TRANSPLANTATION. 2024. 1835-1845. DOI: 10.1093/ndt/gfae043. IF: 4,8 Q1 D2	GC07
Rodríguez-Ortiz ME, Jurado-Montoya D, Valdés-Díaz K, García-Sáez RM, Torralbo AI, Obrero T, Vidal-Jiménez V, Jiménez MJ, Carmona A, Guerrero F, de Mier MVPR, Rodelo-Haad C, Canalejo A, Rodríguez M, Soriano-Cabrera S, Muñoz-Castaneda JR. Cognitive Impairment Related to Chronic Kidney Disease Is Associated with a Decreased Abundance of Membrane-Bound Klotho in the Cerebral Cortex. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25084194. IF: 4,9 Q1 D3	GC07
Díaz-Tocados JM, Rodríguez-Ortiz ME, Herencia C, López-Baltanás R, Jurado-Montoya D, García-Saez RM, Valdés-Díaz K, Martínez-Moreno JM, Santamaría R, de Mier MVPR, Rodelo-Haad C, Frazao JM, Felsenfeld AJ, Rodriguez M, Almadén Y, Muñoz-Castañeda JR. Comparative effects of calcitriol and calcimimetic on bone health in renal insufficiency. FASEB JOURNAL. 2024. -. DOI: 10.1096/fj.202302704R. IF: 4,4 Q1 D2	GC07
Pecoits R, Lim KS, de Castro MCR, Cebrian A, Santamaria R, Kanumilli N, Alvarez CS, Arnold M, Barone S, Chen HT, Järbrink K, Tangri N. High Prevalence of Unrecorded Stage 3 Chronic Kidney Disease in Australia, Brazil, Canada, England, and Spain: The Multinational, Observational REVEAL-CKD Study. INTERNATIONAL JOURNAL OF CLINICAL PRACTICE. 2024. -. DOI: 10.1155/ijcp/5138534. IF: 2,2 Q2 D3	GC07
Abd ElHafeez S, Kramer A, Arici M, Arnol M, Asberg A, Bell S, Belliere J, Corte C, Fresnedo G, Hemmelder M, Heylen L, Hommel K, Kerschbaum J, Naumovic R, Nitsch D, Santamaria R, Finne P, Palsson R, Pippias M, Resic H, Rosenberg M, de Pablos C, Segelmark M, Sorensen S, Soler M, Vidal E, Jager KJ, Ortiz A, Stel VS. Incidence and outcomes of kidney replacement therapy for end-stage kidney disease due to primary glomerular disease in Europe: findings from the ERA Registry. NEPHROLOGY DIALYSIS TRANSPLANTATION. 2024. 1449-1460. DOI: 10.1093/ndt/gfae034. IF: 4,8 Q1 D2	GC07

PUBLICATIONS	IMIBIC GROUP
Ruiz-Arabi E, Torre-Cisneros J, Aguilera V, Alonso R, Berenguer M, Bestard O, Bodro M, Cantisan S, Carratalà J, Castón JJ, Cordero E, Facundo C, Fariñas MC, Fernández-Alonso M, Fernández-Ruiz M, Fortún J, García-Cosío MD, Herrera S, Iturbe-Fernández D, Len O, López-Medrano F, López-Oliva MO, Los-Arcos I, Marcos MA, Martín-Dávila P, Monforte V, Muñoz P, Navarro D, Páez-Vega A, Pérez AB, Redondo N, Alvarez RR, Rodríguez-Benot A, Rodríguez-Goncer I, San-Juan R, Sánchez-Céspedes J, Valerio M, Vaquero JM, Viasus D, Vidal E, Aguado JM. Management of cytomegalovirus in adult solid organ transplant patients: GESITRA-IC-SEIMC, CIBERINFEC, and SET recommendations update. TRANSPLANTATION REVIEWS. 2024. -. DOI: 10.1016/j.trre.2024.100875. IF: 3,6 Q1 D3	GC07
Martin-Gómez MA, Torres AR, Hernández ME, Mendoza ML, Sánchez JMS, Armada MM, Suarez IM, Rubio JLC, Castellano MMC, Pintado JCA, Marín ACB, Esteban MDM, Guerra LC, Garrido ED. Mortality and cardiovascular risk in vasculitis ANCA. Importance of hypertension and renal function. Experience from southern Spain. HIPERTENSION Y RIESGO VASCULAR. 2024. 5-16. DOI: 10.1016/j.hipert.2023.06.001. IF: 1,2 Q3 D	GC07
Valdivia MAP, Arbizu JC, Barreña DP, de la Nuez PC, Jiménez VL, Benot AR, Blanca AM, Guindo MCD, Blanco GB, Govantes MAG, Pérez RB, Castilla JLR. Predicting Kidney Transplantation Outcomes from Donor and Recipient Characteristics at Time Zero: Development of a Mobile Application for Nephrologists. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13051270. IF: 3 Q1 D2	GC07
Martínez JP, Doña AM, Olmo RS, Santiago JCH, Moral JG, Gómez-Fernández P. Study of the association of markers of central and peripheral arterial stiffness with renal function in patients with arterial hypertension, diabetes mellitus and chronic kidney disease. NEFROLOGIA. 2024. 830-845. DOI: 10.1016/j.nefro.2024.05.005. IF: 2 Q2 D5	GC07
Tangri N, Alvarez CS, Arnold M, Barone S, Cebrián A, Chen HT, De Nicola L, Järbrink K, Kanumilli N, Lim KS, Moriyama T, Pecoits R, de Castro MCR, Santamaria R, Schneider MP, Virgitti JB, Kushner P. Suboptimal monitoring and management in patients with unrecorded stage 3 chronic kidney disease in real-world settings: Insights from REVEAL-CKD. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION. 2024. -. DOI: 10.1111/eci.14282. IF: 4,4 Q1 D2	GC07
Ho KKY, Fleseriu M, Wass J, Katznelson L, Raverot G, Little AS, Castano JP, Reincke M, Lopes MB, Kaiser UB, Chanson P, Gadelha M, Melmed S. A proposed clinical classification for pituitary neoplasms to guide therapy and prognosis. LANCET DIABETES & ENDOCRINOLOGY. 2024. 209-214. DOI: 10.1016/S2213-8587(23)00382-0. IF: 44 Q1 D1	GC08
Alors-Pérez E, Pedraza-Arevalo S, Blázquez-Encinas R, García-Vioque V, Agraz-Doblas A, Yubero-Serrano EM, Sánchez-Frías ME, Serrano-Blanch R, Gálvez-Moreno MA, Gracia-Navarro F, Gahete MD, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Altered CELF4 splicing factor enhances pancreatic neuroendocrine tumors aggressiveness influencing mTOR and everolimus response. MOLECULAR THERAPY NUCLEIC ACIDS. 2024. -. DOI: 10.1016/j.omtn.2023.102090. IF: 6,5 Q1 D2	GC08
Romero-Ruiz A, Granados-Rodríguez M, Bura FI, Valenzuela-Molina F, Rufián-Andújar B, Martínez-López A, Rodríguez-Ortiz L, Ortega-Salas R, Torres-Martínez M, Moreno-Serrano A, Castaño J, Michán C, Alhama J, Vázquez-Borrego MC, Arjona-Sánchez A. Breaking the Mucin Barrier: A New Affinity Chromatography-Mass Spectrometry Approach to Unveil Potential Cell Markers and Pathways Altered in Pseudomyxoma Peritonei. BIOLOGICAL PROCEDURES ONLINE. 2024. -. DOI: 10.1186/s12575-024-00239-0. IF: 3,7 Q1 D3	GC08
Koumarianou A, Filosso PL, Bodei L, Castano JP, Fernandez-Cuesta L, Deroose CM, Foll M, Dromain C, Reed NS, Caplin M, Capdevila J, Falkerby J, Faggiano A, Frilling A, Grande E, Hicks RJ, Kasajima A, Kos-Kudla B, Krishna BA, Lim E, Rinke A, Singh S, Thirlwell C, Volante M, Walter T. Clinical management of typical and atypical carcinoids/neuroendocrine tumors in ENETS centres of excellence (CoE): Survey from the ENETS lung NET task force. JOURNAL OF NEUROENDOCRINOLOGY. 2024. -. DOI: 10.1111/jne.13412. IF: 3,3 Q2 D4	GC08
Blanco-Acevedo C, Aguera-Morales E, Fuentes-Fayos AC, Pelaez-Viña N, Diaz-Pernalete R, Infante-Santos N, Muñoz-Jurado A, Porras-Pantojo MF, Ibáñez-Costa A, Luque RM, Solivera-Vela J. Decompressive Hemicraniectomy without Evacuation of Acute Intraparenchymal Hemorrhage. BIOMEDICINES. 2024. -. DOI: 10.3390/biomedicines12081666. IF: 3,9 Q2 D4	GC08

PUBLICATIONS	IMIBIC GROUP
Zamora-Olaya JM, Tejero-Jurado R, Alañón-Martínez PE, Prieto-Torre M, Rodríguez-Medina C, Montero JL, Sánchez-Frías M, Briceño J, Ciria R, Barrera P, Poyato A, de la Mata M, Rodríguez-Perálvarez ML. Donor Atheromatous Disease is a Risk Factor for Hepatic Artery Thrombosis After Liver Transplantation. CLINICAL TRANSPLANTATION. 2024. -. DOI: 10.1111/ctr.15405. IF: 1,9 Q2 D5	GC08
Hernandez S, Conde E, Molero A, Suarez-Gauthier A, Martinez R, Alonso M, Plaza C, Camacho C, Chantada D, Juaneda-Magdalena L, Garcia-Toro E, Saiz-Lopez P, Rojo F, Abad M, Boni V, del Carmen S, Regojo RM, Sanchez-Frias ME, Teixido C, Paz-Ares L, Lopez-Rios F. Efficient Identification of Patients With NTRK Fusions Using a Supervised Tumor-Agnostic Approach. ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE. 2024. 318-326. DOI: 10.5858/arpa.2022-0443-OA. IF: 3,7 Q1 D2	GC08
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 positively impacts surgical outcomes of needle biopsy-diagnosed pure DCIS: a patient-matched analysis from the MIPA study. EUROPEAN RADIOLOGY. 2024. 3970-3980. DOI: 10.1007/s00330-023-10409-5. IF: 4,7 Q1 D2	GC08
Mateos IC, de Lucas MDG, Doulatram-Gamgaram VK, Moreno-Moreno P, Jimenez-Millan AI, Botana-López M, Merino-Torres JF, Soto-González A, Fernández-García JC, Morales-Portillo C. Real-World Evaluation of Once-Weekly Subcutaneous Semaglutide in Patients with Type 2 Diabetes Mellitus in Spain (SEMA-RW Study). NUTRIENTS. 2024. -. DOI: 10.3390/nu16152545. IF: 4,8 Q1 D2	GC08
Alors-Pérez E, Blázquez-Encinas R, Moreno-Montilla MT, García-Vioque V, Jiménez-Vacas JM, Mafficini A, González-Borja I, Luchini C, Sánchez-Hidalgo JM, Sánchez-Frías ME, Pedraza-Arevalo S, Romero-Ruiz A, Lawlor RT, Viúdez A, Gahete MD, Scarpa A, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Spliceosomal dysregulation in pancreatic cancer uncovers splicing factors PRPF8 and RBMX as novel candidate actionable targets. MOLECULAR ONCOLOGY. 2024. 2524-2540. DOI: 10.1002/1878-0261.13658. IF: 5 Q1 D3	GC08
Sanjuan-Sanjuan A, Alors-Perez E, Sanchez-Frías M, Monserrat-Barbudo JA, Uceda MF, Heredero-Jung S, Luque RM. Splicing Machinery Is Impaired in Oral Squamous Cell Carcinomas and Linked to Key Pathophysiological Features. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25136929. IF: 4,9 Q1 D3	GC08
Montero-Hidalgo AJ, Jiménez-Vacas JM, Gómez-Gómez E, Porcel-Pastrana F, Sáez-Martinez P, Pérez-Gómez JM, Fuentes-Fayos AC, Blázquez-Encinas R, Sánchez-Sánchez R, González-Serrano T, Castro E, López-Soto PJ, Carrasco-Valiente J, Sarmiento-Cabral A, Martínez-Fuentes AJ, EyraS E, Castaño JP, Sharp A, Olmos D, Gahete MD, Luque RM. SRSF6 modulates histone-chaperone HIRA splicing to orchestrate AR and E2F activity in prostate cancer. SCIENCE ADVANCES. 2024. -. DOI: 10.1126/sciadv.ado8231. IF: 11,7 Q1 D1	GC08
Dean A, Estévez O, Centella C, Sanjuan-Sanjuan A, Sánchez-Frías ME, Alamillos FJ. Surgical Navigation and CAD-CAM-Designed PEEK Prosthesis for the Surgical Treatment of Facial Intraosseous Vascular Anomalies. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13164602. IF: 3 Q1 D2	GC08
Blázquez-Encinas R, Alors-Pérez E, Moreno-Montilla MT, García-Vioque V, Sánchez-Frias ME, Mafficini A, López-Cánovas JL, Bousquet C, Gahete MD, Lawlor RT, Luque RM, Scarpa A, Arjona-Sánchez A, Pedraza-Arevalo S, Ibáñez-Costa A, Castaño JP. The Exon Junction Complex component EIF4A3 plays a splicing-linked oncogenic role in pancreatic ductal adenocarcinoma. CANCER GENE THERAPY. 2024. 1646-1657. DOI: 10.1038/s41417-024-00814-3. IF: 4,8 Q1 D2	GC08
Hermán-Sánchez N, G-García ME, Jiménez-Vacas JM, Yubero-Serrano EM, López-Sánchez LM, Romero-Martín S, Raya-Povedano JL, Alvarez-Benito M, Castaño JP, Luque RM, Gahete MD. The splicing machinery is dysregulated and represents a therapeutic vulnerability in breast cancer. CELLULAR AND MOLECULAR LIFE SCIENCES. 2024. -. DOI: 10.1007/s00018-024-05515-6. IF: 6,2 Q1 D2	GC08

PUBLICATIONS	IMIBIC GROUP
Lencioni G, Gregori A, Toledo B, Rebelo R, Immordino B, Amrutkar M, Xavier CPR, Kocijancic A, Pandey DP, Perán M, Castaño JP, Walsh N, Giovannetti E. Unravelling the complexities of resistance mechanism in pancreatic cancer: Insights from in vitro and ex-vivomodelsystems.SEMINARSINCANCERBIOLOGY.2024.217-233.DOI:10.1016/j.semancer.2024.09.002. IF: 12,1 Q1 D1	GC08
Ambrosini V, Caplin M, Castano JP, Christ E, Denecke T, Deroose CM, Dromain C, Falconi M, Grozinsky-Glasberg S, Hicks RJ, Hoffland J, Kjaer A, Knigge UP, Kos-Kudla B, Koumarianou A, Krishna B, Lamarca A, Pavel M, Reed NS, Scarpa A, Srirajaskanthan R, Sundin A, Toumpanakis C, Prasad V. Use and perceived utility of [18F]FDG PET/CT in neuroendocrine neoplasms:A consensus report from the European Neuroendocrine Tumor Society (ENETS) Advisory Board Meeting 2022. JOURNAL OF NEUROENDOCRINOLOGY. 2024. -. DOI: 10.1111/jne.13359. IF: 3,3 Q2 D4	GC08
Alors-Pérez E, Pedraza-Arevalo S, Blázquez-Encinas R, García-Vioque V, Agraz-Doblas A, Yubero-Serrano EM, Sánchez-Frías ME, Serrano-Blanch R, Gálvez-Moreno MA, Gracia-Navarro F, Gahete MD, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Altered CELF4 splicing factor enhances pancreatic neuroendocrine tumors aggressiveness influencing mTOR and everolimus response. MOLECULAR THERAPY NUCLEIC ACIDS. 2024. -. DOI: 10.1016/j.omtn.2023.102090. IF: 6,5 Q1 D2	GC09
García-Alberca JM, de Rojas I, Sanchez-Mejias E, Garrido-Martín D, Gonzalez-Palma L, Jimenez S, Pino-Angeles A, Cruz-Gamero JM, Mendoza S, Alarcón-Martín E, Muñoz-Castro C, Real LM, Tenao JJ, Polvillo R, Govantes F, Lopez A, Royo-Aguado JL, Navarro V, Gonzalez I, Ruiz M, Reyes-Engel A, Gris E, Bravo MJ, Lopez-Gutierrez L, Mejias-Ortega M, De la Guía P, de la Rica ML, Ocejo O, Torrecilla J, Zafra C, Nieto MD, Urbano C, Jiménez-Sánchez R, Pareja N, Luque M, García-Peralta M, Carrillejo R, Furniet MD, Rueda L, Sánchez-Fernández A, Mancilla T, Peña I, García-Casares N, Moreno-Grau S, Hernández I, Montreal L, Quintela I, González-Pérez A, Calero M, Franco-Macias E, Macías J, Menéndez-González M, Frank-García A, Vilas RH, Diez-Fairen M, Lage C, García-Madróna S, García-González P, Valero S, Sotolongo-Grau O, Pérez-Cordón A, Rabano A, Pastor AA, Pastor AB, Espinosa A, Corma-Gómezn A, Montes AM, Sanabria A, Rodríguez CM, Buiza-Rueda D, Rodríguez-Rodríguez E, Ortega G, Alvarez I, Allende IR, Pineda JA, Rosende-Roca M, Sánchez-Arjona MB, Fernández-Fuertes M, Alegret M, Roberto N, del Ser T, García-Ribas G, Sánchez-Juan P, Pastor P, Piñol-Ripoll G, Bullido MJ, Alvarez V, Mir P, Medina M, Marquié M, Sáez ME, Carracedo A, Laplana M, Tomas-Gallardo L, Orellana A, Tarraga L, Boada M, Palazon JF, Vitorica J, Ruiz A, Guigo R, Gutierrez A, Royo JL. An Insertion Within SIRPβ1 Shows a Dual Effect Over Alzheimer’s Disease Cognitive Decline Altering the Microglial Response. JOURNAL OF ALZHEIMERS DISEASE. 2024. 601-618. DOI: 10.3233/JAD-231150. IF: 3,4 Q2 D4	GC09
Lafaie L, Poenou G, Hanon O, López-Jiménez L, Nieto JA, Lorenzo A, Porras JA, Lumbierres M, Bertoletti L, Monreal M, RIETE investigators. Anticoagulation and venous thromboembolism in patients aged 90 years and older: Data from the RIETE registry. JOURNAL OF THE AMERICAN GERIATRICS SOCIETY. 2024. 113-125. DOI: 10.1111/jgs.18626. IF: 4,3 Q1 D2	GC09
Serrano-Ortiz A, Romero-Cabrera JL, Villatoro JM, Cordero-Ramos J, Ruiz-Montero R, Ritoré A, Dopazo J, Salas JD, Sánchez VG, Salcedo-Leal I, de la Hoz MAA, Túnez I, Guzmán MA. Assessing COVID-19 Vaccine Effectiveness and Risk Factors for Severe Outcomes through Machine Learning Techniques: A Real-World Data Study in Andalusia, Spain. JOURNAL OF EPIDEMIOLOGY AND GLOBAL HEALTH. 2024. 1504-1517. DOI: 10.1007/s44197-024-00298-2. IF: 3,8 Q1 D2	GC09
Rodríguez JLG, Oprescu AM, Lezcano SM, Ramos JC, Cabrera JLR, de la Hoz MAA, Estella A. Assessing the impact of vaccines on COVID-19 efficacy in survival rates: a survival analysis approach for clinical decision support. FRONTIERS IN PUBLIC HEALTH. 2024. -. DOI: 10.3389/fpubh.2024.1437388. IF: 3 Q2 D3	GC09
Del Giornò R, Mazzolai L, Keller S, Siniscalchi C, Lopez-Jimenez L, Ballaz A, Montenegro AC, Otero R, Rashidi F, Monreal M. Assessment of bleeding events in patients receiving DOACs with or without statins to treat venous thromboembolism: insights from the RIETE registry. BMJ OPEN. 2024. -. DOI: 10.1136/bmjopen-2024-085401. IF: 2,4 Q1 D3	GC09
Rivas-Garcia L, Quintana-Navarro GM, Alcalá-Díaz JF, Torres-Peña JD, Larriva APAD, Rangel-Zuñiga OA, López-Moreno A, Malagon MM, Katsiki N, Perez-Martínez P, Lopez-Miranda J, Delgado-Lista J. Association between Diet Quality and Risk of Type 2 Diabetes Mellitus in Patients with Coronary Heart Disease: Findings from the CORDIOPREV Study. NUTRIENTS. 2024. -. DOI: 10.3390/nu16081249. IF: 4,8 Q1 D2	GC09

PUBLICATIONS	IMIBIC GROUP
Baenas I, Camacho-Barcia L, Granero R, Razquin C, Corella D, Gomez-Martinez C, Castaner-Nino O, Martínez JA, Alonso-Gomez AM, Waernberg J, Vioque J, Romaguera D, Lopez-Miranda J, Estruch R, Tinahones FJ, Lapetra J, Serra-Majem JL, Cano-Ibanez N, Tur JA, Martin-Sanchez V, Pinto X, Gaforio JJ, Matia-Martin P, Vidal J, Vazquez C, Daimiel L, Ros E, Jimenez-Murcia S, Dalsgaard S, Garcia-Arellano A, Babio N, Sorli JV, Lassale C, Garcia-de-la-Hera M, Gomez-Garcia E, Zulet MA, Konieczna J, Martin-Pelaez S, Tojal-Sierra L, Basterra-Gortari FJ, de las Heras-delgado S, Portoles O, Munoz-Perez MA, Arenas-Larriva AP, Compan-Gabucio L, Eguaras S, Shyam S, Fito M, Banos RM, Salas-Salvado J, Fernandez-Aranda F. Association between type 2 diabetes and depressive symptoms after a 1-year follow-up in an older adult Mediterranean population. JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION. 2024. 1405-1418. DOI: 10.1007/s40618-023-02278-y. IF: 3,9 Q2 D3	GC09
Rodríguez-Mañas L, Moreno-Villares JM, Hernández JA, Secín AAR, Díaz-Ufano MLL, González FS, Costa-Grille A, López-Miranda J, Fernández-García JM. Awareness and Self-Reported Knowledge and Training on Nutrition in Older People among Primary Care Practitioners. JOURNAL OF FRAILTY & AGING. 2024. 157-162. DOI: 10.14283/jfa.2024.11. IF: 3,3 Q2 D5	GC09
de Isla LP, Díaz-Díaz JL, Romero MJ, Muñoz-Grijalvo O, Mediavilla JD, Argüeso R, de Andrés R, Fuentes F, Muñoz-Torrero JFS, Rubio P, Alvarez-Baños P, Mañas D, Gutierrez LS, Cerezo AS, Mata P. Characteristics of Coronary Atherosclerosis Related to Plaque Burden Regression During Treatment With Alirocumab: The ARCHITECT Study. CIRCULATION-CARDIOVASCULAR IMAGING. 2024. -. DOI: 10.1161/CIRCIMAGING.123.016206. IF: 6,5 Q1 D2	GC09
Escate R, Padró T, de Isla LP, Fuentes F, Alonso R, Mata P, Badimon L. Circulating miR-6821-5p levels and coronary calcification in asymptomatic familial hypercholesterolemia patients. ATHEROSCLEROSIS. 2024. -. DOI: 10.1016/j.atherosclerosis.2024.117502. IF: 4,9 Q1 D2	GC09
Luque-Cordoba D, Calderon-Santiago M, Rangel-Zuniga OA, Camargo A, Lopez-Miranda J, Priego-Capote F. Comprehensive profiling of ceramides in human serum by liquid chromatography coupled to tandem mass spectrometry combining data independent/dependent acquisition modes. ANALYTICA CHIMICA ACTA. 2024. -. DOI: 10.1016/j.aca.2023.342115. IF: 5,7 Q1 D2	GC09
Delgado-Lista J, Mostaza JM, Arrobas-Velilla T, Blanco-Vaca F, Masana L, Pedro-Botet J, Perez-Martinez P, Civeira F, Cuende-Melero JI, Gomez-Barrado JJ, Lahoz C, Pinto X, Suarez-Tembra M, Lopez-Miranda J, Guijarro C. Consensus on lipoprotein(a) of the Spanish Society of Arteriosclerosis. Literature review and recommendations for clinical practice. CLINICA E INVESTIGACION EN ARTERIOSCLEROSIS. 2024. 243-266. DOI: 10.1016/j.arteri.2024.03.002. IF: 1,9 Q3 D	GC09
Shyam S, Gómez-Martínez C, Paz-Graniel I, Gaforio JJ, Martínez-González MA, Corella D, Fitó M, Martínez JA, Alonso-Gómez AM, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Santos-Lozano JM, Serra-Majem JL, Bueno-Cavanillas A, Tur JA, Sánchez VM, Pintó X, Ramos M, Vidal J, Alcarria MM, Daimiel L, Ros E, Fernandez-Aranda F, Nishi SK, Regata OG, Toledo E, Sorli JV, Castañer O, Garcia-Rios A, Valls-Enguix R, Perez-Farinos N, Zulet MA, Rayó-Gago E, Casas R, Rivera-Izquierdo M, Tojal-Sierra L, Damas-Fuentes M, Buil-Cosiales P, Fernández-Carrion R, Goday A, Peña-Orihuela PJ, Compañ-Gabucio L, Diez-Espino J, Tello S, González-Pinto A, de la O V, Delgado-Rodríguez M, Babio N, Salas-Salvado J. Coronavirus disease 2019 is associated with long-term depressive symptoms in Spanish older adults with overweight/obesity and metabolic syndrome. PSYCHOLOGICAL MEDICINE. 2024. 620-630. DOI: 10.1017/S0033291723002313. IF: 5,9 Q1 D1	GC09
Rivas-Garcia L, Quintana-Navarro GM, Torres-Peña JD, Larriva APAD, Alcalá-Díaz JF, Yubero-Serrano EM, Caballero AIP, Ortiz-Morales AM, Rangel-Zuniga OA, López-Miranda A, Ordovas JM, Perez-Martinez P, Lopez-Miranda J, Delgado-Lista J. Dietary antioxidant intake reduces carotid intima-media thickness in coronary heart disease patients: From the CORDIOPREV study. FREE RADICAL BIOLOGY AND MEDICINE. 2024. 221-229. DOI: 10.1016/j.freeradbiomed.2023.11.026. IF: 7,1 Q1 D2	GC09

PUBLICATIONS	IMIBIC GROUP
Khoury N, Martínez MA, Nishi SK, Martinez-Gonzalez MA, Corella D, Castañer O, Martinez JA, Alonso-Gómez AM, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones F, Santos-Lozano JM, Serra-Majem L, Bueno-Cavanillas A, Tur JA, Sanjurjo SC, Pintó X, Gaforio JJ, Matía-Martín P, Vidal J, Vázquez C, Daimiel L, Ros E, Sayon-Orea C, Sorli J, Pérez-Vega KA, Garcia-Rios A, Ortiz-Díaz F, Gomez-Gracia E, Casas R, Salcedo-Bellido I, Tojal-Sierra L, Bernal-Lopez MR, Vazquez-Ruiz Z, Asensio EM, Goday A, Peña-Orihuela PJ, Signes-Pastor AJ, Garcia-Arellano A, Fito M, Babio N, Salas-Salvado J. Dietary intake of Perfluorooctanesulfonic acid (PFOS) and glucose homeostasis parameters in a non-diabetic senior population. ENVIRONMENT INTERNATIONAL. 2024. -. DOI: 10.1016/j.envint.2024.108565. IF: 10,3 Q1 D1	GC09
Mora-Ortiz M, Yubero-Serrano EM, Priego-Capote F, Gutierrez-Mariscal FM, Alcalá-Díaz JF, Torres-Peña JD, de-Larriva APA, Delgado-Lista J, Perez-Martinez P, Roche HM, López-Miranda J. Dietary Lipid Quantity and Quality Modulate the Postprandial Metabolomic Profile in Patients with Metabolic Syndrome. NUTRIENTS. 2024. -. DOI: 10.3390/nu16244267. IF: 4,8 Q1 D2	GC09
Oliveras-Cañellas N, Moreno-Navarrete JM, Lorenzo PM, Garrido-Sánchez L, Becerril S, Rangel O, Latorre J, Vargas ED, Pardo M, Valentí V, Romero-Cabrera JL, Oliva-Olivera W, Silva C, Diéguez C, Villarroya F, López M, Crujeiras AB, Seoane LM, López-Miranda J, Frühbeck G, Tinahones FJ, Fernández-Real JM. Downregulated Adipose Tissue Expression of Browning Genes With Increased Environmental Temperatures. JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM. 2024. E145-E154. DOI: 10.1210/clinem/dgad469. IF: 5 Q1 D2	GC09
Alvarez-Alvarez L, Rubín-García M, Vitelli-Storelli F, García S, Bouzas C, Martínez-González MA, Corella D, Salvadó JS, Malcampo M, 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, Fernández CG, Pintó X, Delgado-Rodríguez M, Matía-Martín P, Vidal J, Vázquez C, Daimiel L, Ros E, García-Arellano A, Martínez MA, Sorlí J, Zomeno MD, García-Rios A, González-Palacios S, Monserrat-Mesquida M, Abete I, Fernández AC, Casas R, Ibáñez NC, Ugarriza L, Bernal-López MR, Bes-Rastrollo M, Paz-Graniel I, Asensio EM, Fitó M, Larriva APA, Oncina-Cánovas A, Vázquez Z, de la Puente MF, Pérez-Vega A, Tur JA, Martín-Sánchez V. Effect of a nutritional intervention based on an energy-reduced Mediterranean diet on environmental impact. SCIENCE OF THE TOTAL ENVIRONMENT. 2024. -. DOI: 10.1016/j.scitotenv.2024.172610. IF: 8,2 Q1 D1	GC09
Ojeda-Rodríguez A, Paula-Buestan G, Zazpe I, Azcona-Sanjulian MC, del Moral AM. Higher Adherence to the EAT-Lancet Diets After a Lifestyle Intervention in a Pediatric Population with Abdominal Obesity. NUTRIENTS. 2024. -. DOI: 10.3390/nu16244270. IF: 4,8 Q1 D2	GC09
Boughanem H, Pilo J, García-Flores LA, Arranz I, Ramos-Fernandez M, Ortega-Castan M, Crujeiras AB, Sandoval J, Macias-Gonzalez M. Identification of epigenetic silencing of the SFRP2 gene in colorectal cancer as a clinical biomarker and molecular significance. JOURNAL OF TRANSLATIONAL MEDICINE. 2024. -. DOI: 10.1186/s12967-024-05329-x. IF: 6,1 Q1 D2	GC09
Alvarez-Alvarez L, Vitelli-Storelli F, Rubín-García M, García S, Bouzas C, Ruíz-Canela M, Corella D, Salas-Salvado J, Fitó M, Martinez JA, Tojal-Sierra L, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Santos-Lozano JM, Serra-Majem L, Bueno-Cavanillas A, García-Fernández C, Esteve-Luque V, Delgado-Rodríguez M, Torrego-Ellacuría M, Vidal J, Prieto L, Daimiel L, Casas R, Arellano AG, Shyam S, González JI, Castañer O, García-Rios A, Díaz FO, Fernández AC, Sánchez-Villegas A, Morey M, Cano-Ibañez N, Sorto-Sánchez C, Bernal-López MR, Bes-Rastrollo M, Nishi SK, Coltell O, Zomeno MD, Pena-Orihuela PJ, Aparicio D, Zulet MA, Vázquez Z, Babio N, Perez KA, Tur JA, Martín-Sánchez . Impact of mediterranean diet promotion on environmental sustainability: a longitudinal analysis. PUBLIC HEALTH. 2024. 12-20. DOI: 10.1016/j.puhe.2024.02.010. IF: 3,9 Q1 D2	GC09
Alonso R, Arroyo-Olivares R, Díaz-Díaz JL, Fuentes-Jiménez F, Arrieta F, de Andrés R, Gonzalez-Bustos P, Argueso R, Martín-Ordiales M, Martinez-Faedoj C, Illánk F, Saenz P, Donate JM, Muñoz-Torrero JFS, Martinez-Hervas S, Mata P. Improved lipid-lowering treatment and reduction in cardiovascular disease burden in homozygous familial hypercholesterolemia: The SAFEHEART follow-up study. ATHEROSCLEROSIS. 2024. -. DOI: 10.1016/j.atherosclerosis.2024.117516. IF: 4,9 Q1 D2	GC09

PUBLICATIONS	IMIBIC GROUP
Garcia-Flores LA, De Vera MTD, Pilo J, Rego A, Gomez-Casado G, Arranz-Salas I, Martín IH, Alcaide J, Torres E, Ortega-Gomez A, Boughanem H, Macias-Gonzalez MM. Increased neutrophil counts are associated with poor overall survival in patients with colorectal cancer: a five-year retrospective analysis. FRONTIERS IN IMMUNOLOGY. 2024. -. DOI: 10.3389/fimmu.2024.1415804. IF: 5,7 Q1 D3	GC09
Sánchez IMB, Aristizábal-Duque CH, Cabeza JF, Alvarez MV, Aparicio-Martínez P, Abellán MV, Ortiz MR, Rubio MDM, del Pozo FJF. Influence of Cardiovascular Risk Factors and Metabolic Syndrome on Epicardial Adipose Tissue Thickness in Rural Spanish Children and Adolescents. NUTRIENTS. 2024. -. DOI: 10.3390/nu16193321. IF: 4,8 Q1 D2	GC09
López-Gil JF, Ezzatvar Y, Ojeda-Rodríguez A, Galan-Lopez P, Royo JMP, Gaya AR, Agostinis-Sobrinho C, Martín-Calvo N. Is family meal frequency associated with obesity in children and adolescents? A cross-sectional study including 155 451 participants from 43 countries. PEDIATRIC OBESITY. 2024. -. DOI: 10.1111/ijpo.13124. IF: 2,7 Q1 D3	GC09
López-Alcalá J, Gordon A, Trávez A, Tercero-Alcázar C, Correa-Sáez A, González-Rellán MJ, Rangel-Zúñiga OA, Rodríguez A, Membrives A, Frühbeck G, Nogueiras R, Calzado MA, Guzmán-Ruiz R, Malagón MM. Localization, traffic and function of Rab34 in adipocyte lipid and endocrine functions. JOURNAL OF BIOMEDICAL SCIENCE. 2024. -. DOI: 10.1186/s12929-023-00990-8. IF: 9 Q1 D1	GC09
de Isla LP, Vallejo-Vaz AJ, Watts GF, Muñoz-Grijalvo O, Alonso R, Diaz-Diaz JL, Arroyo-Olivares R, Aguado R, Argueso R, Mauri M, Romero MJ, Alvarez-Baños P, Mañas D, Cepeda JM, Gonzalez-Bustos P, Casañas M, Michan A, Muñoz-Torrero JFS, Faedo C, Barba MA, Dieguez M, de Andrés R, Hernandez AM, Gonzalez-Estrada A, Padró T, Fuentes F, Badimon L, Mata P. Long-term sex differences in atherosclerotic cardiovascular disease in individuals with heterozygous familial hypercholesterolaemia in Spain: a study using data from SAFEHEART, a nationwide, multicentre, prospective cohort study. LANCET DIABETES & ENDOCRINOLOGY. 2024. 643-652. DOI: 10.1016/S2213-8587(24)00192-X. IF: 44 Q1 D1	GC09
Podadera-Herreros A, Larriva APAD, Gutierrez-Mariscal FM, Alcala-Diaz JF, Ojeda-Rodriguez A, Rodriguez-Cantalejo F, Cardelo MP, Rodriguez-Cano D, Torres-Peña JD, Luque RM, Ordovas JM, Perez-Martinez P, Delgado-Lista J, Lopez-Miranda J, Yubero-Serrano EM. Mediterranean diet as a strategy for preserving kidney function in patients with coronary heart disease with type 2 diabetes and obesity: a secondary analysis of CORDIOPREV randomized controlled trial. NUTRITION & DIABETES. 2024. -. DOI: 10.1038/s41387-024-00285-3. IF: 4,6 Q1 D1	GC09
Doímniguez-Lpóez I, Galkina P, Parilli-Moser I, Arancibia-Riveros C, Martínez-González MA, Salas-Salvadó J, Corella D, Malcampo M, Martínez JA, Tojal-Sierra L, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Santos-Lozano JM, Serra-Majem L, Bueno-Cavanillas A, Tur JA, Rubín-García M, Pintó X, Fernández-Aranda F, Delgado-Rodríguez M, Barabash-Bustelo A, Vidal J, Vázquez C, Daimiel L, Ros E, Toledo E, Atzeni A, Asensio EM, Vera N, Garcia-Rios A, Torres-Collado L, Pérez-Farinós N, Zulet M, Chaplin A, Casas R, Martín-Peláez S, Vaquero-Luna J, Gómez-Pérez AM, Vázquez-Ruiz Z, Shyam S, Ortega-Azorín C, Talens N, Peña-Orihuela PJ, Oncina-Canovas A, Díez-Espino J, Babio N, Fitó M, Lamuela-Raventós RM. Microbial Phenolic Metabolites Are Associated with Improved Cognitive Health. MOLECULAR NUTRITION & FOOD RESEARCH. 2024. -. DOI: 10.1002/mnfr.202300183. IF: 4,5 Q1 D3	GC09
Gutierrez-Mariscal FM, Lopez-Moreno A, Torres-Peña JD, Gomez-Luna P, Larriva APAD, Romero-Cabrera JL, Luque RM, Uribarri J, Perez-Martinez P, Delgado-Lista J, Yubero-Serrano EM, Lopez-Miranda J. Modulation of circulating levels of advanced glycation end products and its impact on intima-media thickness of both common carotid arteries: CORDIOPREV randomised controlled trial. CARDIOVASCULAR DIABETOLOGY. 2024. -. DOI: 10.1186/s12933-024-02451-4. IF: 8,5 Q1 D1	GC09

PUBLICATIONS	IMIBIC GROUP
Oncina-Cánovas A, Compañ-Gabucio L, Vioque J, Ruiz-Canela M, Corella D, Salas-Salvadó J, Fitó M, Martínez A, Alonso-Gómez AM, Wärnberg J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Lapetra J, Alvarez-Pérez J, Bueno-Cavanillas A, Tur JA, Martín-Sánchez V, Esteve-Luque V, Delgado-Rodríguez M, Ortiz-Ramos M, Vidal J, Vázquez C, Daimiel L, Ros E, Razquin C, Paz-Graniel I, Sorlí JV, Castañer O, García-Rios A, Torres-Collado L, Fernández-Barceló O, Zulet MA, Rayó-Gago E, Casas R, Cano-Ibáñez N, Tojal-Sierra L, Simón-Frapolli VJ, Carlos S, Shyam S, Fernández-Carrión R, Goday A, Torres-Peña JD, González-Palacios S, Eguaras S, Babio N, Zomeño MD, García-de-la-Hera M. More Adult Women than Men at High Cardiometabolic Risk Reported Worse Lifestyles and Self-Reported Health Status in the COVID-19 Lockdown. NUTRIENTS. 2024. -. DOI: 10.3390/nu16132000. IF: 4,8 Q1 D2	GC09
Nascimento RDD, Rizzato JS, Polezi G, Boughanem H, Williams NG, Borguini RG, Santiago MCPD, Junior MRM, Parry L. Myrciaria jaboticaba Fruit Peel: Bioactive Composition as Determined by Distinct Harvest Seasons and In Vitro Anti-Cancer Activity. PLANTS-BASEL. 2024. -. DOI: 10.3390/plants13202907. IF: 4 Q1 D2	GC09
Marcos-Delgado A, Martín-Sánchez V, Martinez-Gonzalez MA, Corella D, Salas-Salvadó J, Schröder H, Martínez A, Alonso-Gomez AM, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Santos-Lozano JM, Alvarez-Pérez J, Bueno-Cavanillas A, Cano-Ibáñez N, Amezcua-Prieto C, Hernández-Segura N, Tur JA, Pintó X, Delgado-Rodríguez M, Matía-Martín P, Vidal J, Vázquez C, Daimiel L, Ros E, Toledo E, Garcidueñas-Fimbres TE, Viaplana J, Asensio EM, Zomeño MD, Garcia-Rios A, Oncina-Cánovas A, Barón-López FJ, Pérez-Farinos N, Sayon-Orea C, Galmés-Panadés AM, Casas R, Tojal-Sierra L, Gómez-Pérez AM, Buil-Corsiales P, García-Gavilán JF, Ortega-Azorín C, Castañer O, Peña-Orihuela PJ, González-Palacios S, Babio N, Fitó M, Nieto J. Objectively Measured Sleep Duration and Health-Related Quality of Life in Older Adults with Metabolic Syndrome: A One-Year Longitudinal Analysis of the PREDIMED-Plus Cohort. NUTRIENTS. 2024. -. DOI: 10.3390/nu16162631. IF: 4,8 Q1 D2	GC09
Méndez-Bailon M, Lorenzo-Villalba N, Epelde-Gonzálo F, Llàcer P, Conde-Martel A, Manzano-Espinosa L, Arévalo-Lorido J, Trullàs J, Casado-Cerrada J, Montero-Pérez-Barquero M. Prognosis of acute heart failure in patients followed up in nursing homes in Spain: Results from the RICA registry. MEDICINA CLINICA. 2024. 157-162. DOI: 10.1016/j.medcli.2023.10.003. IF: 2,6 Q1 D3	GC09
Ortega-Hernández S, González-Sosa S, Conde-Martel A, Trullàs JC, Llàcer P, Pérez-Silvestre J, Arévalo-Lorido JC, Casado J, Formiga F, Manzano L, Lorenzo-Villalba N, Montero-Pérez-Barquero M. Prognostic Impact of Statins in Heart Failure with Preserved Ejection Fraction. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13195844. IF: 3 Q1 D2	GC09
Prior-Sánchez I, Herrera-Martínez AD, Zarco-Martín MT, Fernández-Jiménez R, Gonzalo-Marín M, Muñoz-Garach A, Vilchez-López FJ, Cayón-Blanco M, Villarrubia-Pozo A, Muñoz-Jiménez C, Zarco-Rodríguez FP, Rabat-Restrepo JM, Luengo-Pérez LM, Boughanem H, Martínez-Ramírez MJ, García-Almeida JM. Prognostic value of bioelectrical impedance analysis in head and neck cancer patients undergoing radiotherapy: a VALOR® study. FRONTIERS IN NUTRITION. 2024. -. DOI: 10.3389/fnut.2024.1335052. IF: 4 Q2 D3	GC09
Gutierrez-Mariscal FM, Podadera-Herreros A, Alcalá-Diaz JF, Cardelo MP, Arenas-de Larriva AP, de la Cruz-ares S, Torres-Peña JD, Luque RM, Perez-Martinez P, Delgado-Lista J, Lopez-Miranda J, Yubero-Serrano EM. Reduction of circulating methylglyoxal levels by a Mediterranean diet is associated with preserved kidney function in patients with type 2 diabetes and coronary heart disease: From the CORDIOPREV randomized controlled trial. DIABETES & METABOLISM. 2024. -. DOI: 10.1016/j.diabet.2023.101503. IF: 4,6 Q1 D2	GC09
Gomez-Delgado F, Raya-Cruz M, Katsiki N, Lista JD, Perez-Martinez P. Residual cardiovascular risk: When should we treat it?. EUROPEAN JOURNAL OF INTERNAL MEDICINE. 2024. 17-24. DOI: 10.1016/j.ejim.2023.10.013. IF: 5,9 Q1 D1	GC09
Jara-Palomares L, Bikdeli B, Jiménez D, Muriel A, Demelo-Rodríguez P, Moustafa F, Villalobos A, López-Miguel P, López-Jiménez L, Otálora S, Peris ML, Amado C, Chopard R, Rivera-Cívico F, Monreal M. Risk of recurrence after discontinuing anticoagulation in patients with COVID-19associated venous thromboembolism: a prospective multicentre cohort study. ECLINICALMEDICINE. 2024. -. DOI: 10.1016/j.eclinm.2024.102659. IF: 9,6 Q1 D1	GC09

PUBLICATIONS	IMIBIC GROUP
Mostaza JM, Pintó X, Armario P, Masana L, Real JT, Valdivielso P, Arrobas-Velilla T, Baeza-Trinidad R, Calmarza P, Cebollada J, Civera-Andrés M, Melero JIC, Díaz-Díaz JL, Espíldora-Hernández J, Pardo JF, Guijarro C, Jericó C, Laclaustra M, Lahoz C, López-Miranda J, Martínez-Hervás S, Muñiz-Grijalvo O, Páramo JA, Pascual V, Pedro-Boteta J, Pérez-Martínez P, Puzo J. SEA 2024 Standards for Global Control of Vascular Risk. CLINICA E INVESTIGACION EN ARTERIOSCLEROSIS. 2024. 133-194. DOI: 10.1016/j.arteri.2024.02.001. IF: 1,9 Q3 D	GC09
Popescu ML, Rubín-García M, Alvarez-Alvarez L, Toledo E, Corella D, Salas-Salvadó J, Pérez-Vega KA, Martínez JA, Alonso-Gómez AM, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Lapetra J, Serra-Majem L, Cano-Ibáñez N, Tur JA, Naveiro R, Pintó X, Delgado-Rodríguez M, Ortiz-Ramos M, Vidal J, Vázquez C, Daimiel L, Ros E, Vázquez-Ruiz Z, Babio N, Sorlí J, Castañer O, García-Rios A, González-Palacios S, Zulet M, Konieczna J, Casas R, Masso-Guijarro P, Tojal-Sierra L, Gómez-Pérez AM, Cenoz-Osinaga JC, Valverde I, Fernández-Carrión R, Schröder H, Larriva APA, Torres-Collado L, García-Arellano A, Palau-Galindo A, Fitó M, Martín-Sánchez V, Fernández-Villa T. Sex-specific dietary patterns and their association with metabolic syndrome: Insights from a cross-sectional analysis. DIABETES & METABOLIC SYNDROME-CLINICAL RESEARCH & REVIEWS. 2024. -. DOI: 10.1016/j.dsx.2024.103123. IF: 4,3 Q1 D3	GC09
Garcia-Fernandez H, Arenas-de Larriva AP, Lopez-Moreno J, Gutierrez-Mariscal FM, Romero-Cabrera JL, Molina-Abril H, Torres-Peña JD, Rodríguez-Cano D, Malagon MM, Ordovas JM, Delgado-Lista J, Perez-Martinez P, Lopez-Miranda J, Camargo A. Sex-specific differences in intestinal microbiota associated with cardiovascular diseases. BIOLOGY OF SEX DIFFERENCES. 2024. -. DOI: 10.1186/s13293-024-00582-7. IF: 4,9 Q1 D2	GC09
Gómez JC, Viñas MMC, Pérez JMP, Bailón MM, Martínez PP, Marín MTH, Somoza FJE. Strategic framework for the Spanish Society of Internal Medicine. 2025-2029. Executive summary on guaranteeing person-centered care in a high value National Health System. REVISTA CLINICA ESPANOLA. 2024. 609-622. DOI: 10.1016/j.rce.2024.08.001. IF: 2,3 Q2 D3	GC09
Sánchez-Garrido MA, Serrano-López V, Ruiz-Pino F, Vázquez MJ, Rodríguez-Martin A, Torres E, Velasco I, Rodriguez AB, Chicano-Gálvez E, Mora-Ortiz M, Ohlsson C, Poutanen M, Pinilla L, Gáytan F, Douros JD, Yang B, Müller TD, Dimarchi RD, Tschöp MH, Finan B, Tena-Sempere M. Superior metabolic improvement of polycystic ovary syndrome traits after GLP1-based multi-agonist therapy. NATURE COMMUNICATIONS. 2024. -. DOI: 10.1038/s41467-024-52898-y. IF: 14,7 Q1 D1	GC09
Marín-Romero S, Ballaz-Quincoces A, Gómez-Cuervo C, Marchena-Yglesias PJ, Lopez-Miguel P, Francisco-Albesa I, Pedrajas-Navas JM, Lumbierres M, Aibar-Arregui MA, Lopez-Saez JB, Perez-Pinar M, Baeza-Martinez C, Riera-Mestre A, Peris-Sifre M, Porras-Ledantes JA, Criado-Garcia J, Elias-Hernandez T, Otero R, Barca-Hernando M, Muriel A, Klok FA, Jara-Palomares L. Symptom-related screening programme for early detection of chronic thromboembolic pulmonary hypertension after acute pulmonary embolism: the SYSPPE study. THORAX. 2024. 144-152. DOI: 10.1136/thorax-2023-220580. IF: 9 Q1 D1	GC09
Ojeda-Rodriguez A, Rangel-Zuñiga OA, Arenas-de Larriva AP, Gutierrez-Mariscal FM, Torres-Peña JD, Romero-Cabrera JL, Podadera-Herreros A, García-Fernandez H, Porras-Pérez E, Luque RM, Kales SN, Perez-Martinez P, Delgado-Lista J, Yubero-Serrano EM, Lopez-Miranda J. Telomere length as biomarker of nutritional therapy for prevention of type 2 diabetes mellitus development in patients with coronary heart disease: CORDIOPREV randomised controlled trial. CARDIOVASCULAR DIABETOLOGY. 2024. -. DOI: 10.1186/s12933-024-02175-5. IF: 8,5 Q1 D1	GC09
Ojeda-Rodriguez A, Rangel-Zuñiga OA, Arenas-de Larriva AP, Gutierrez-Mariscal FM, Torres-Peña JD, Romero-Cabrera JL, Podadera-Herreros A, García-Fernandez H, Porras-Pérez E, Luque RM, Kales SN, Perez-Martinez P, Delgado-Lista J, Yubero-Serrano EM, Lopez-Miranda J. Telomere length as biomarker of nutritional therapy for prevention of type 2 diabetes mellitus development in patients with coronary heart disease: CORDIOPREV randomised controlled trial. CARDIOVASCULAR DIABETOLOGY. 2024. -. DOI: 10.1186/s12933-024-02175-5. IF: 8,5 Q1 D1	GC09

PUBLICATIONS	IMIBIC GROUP
Trullàs JC, Moreno-García MC, Mittelbrunn-Alquézar V, Conde-Martel A, Soler-Rangel L, Montero-Pérez-Barquero M, Casado J, Sánchez-Marteles M, Arévalo-Lorido JC, Pérez-Silvestre J. The RICA-2 registry: design and baseline characteristics of the first 1,000 patients. REVISTA CLINICA ESPANOLA. 2024. 522-533. DOI: 10.1016/j.rce.2024.06.010. IF: 2,3 Q2 D3	GC09
Hermán-Sánchez N, G-García ME, Jiménez-Vacas JM, Yubero-Serrano EM, López-Sánchez LM, Romero-Martín S, Raya-Povedano JL, Alvarez-Benito M, Castaño JP, Luque RM, Gahete MD. The splicing machinery is dysregulated and represents a therapeutic vulnerability in breast cancer. CELLULAR AND MOLECULAR LIFE SCIENCES. 2024. -. DOI: 10.1007/s00018-024-05515-6. IF: 6,2 Q1 D2	GC09
Lorido JCA, Gómez JC, Martel AC, Bodas OA, Trullàs JC, Sánchez FJC, Espinosa LM, González JMC, García CM, Cerrada JC, Pérez-Barquero MM. The two different profiles in heart failure with preserved ejection fraction and type 2 diabetes mellitus: ischemic and diabetic. CURRENT MEDICAL RESEARCH AND OPINION. 2024. 359-366. DOI: 10.1080/03007995.2024.2303089. IF: 2,4 Q1 D3	GC09
Fernández-Jiménez R, García-Rey S, Roque-Cuéllar MC, Fernández-Soto ML, García-Olivares M, Novo-Rodríguez M, González-Pacheco M, Prior-Sánchez I, Carmona-Llanos A, Muñoz-Jiménez C, Zarco-Rodríguez FP, Miguel-Luengo L, Boughanem H, García-Luna PP, García-Almeida JM. Ultrasound Muscle Evaluation for Predicting the Prognosis of Patients with Head and Neck Cancer: A Large-Scale and Multicenter Prospective Study. NUTRIENTS. 2024. -. DOI: 10.3390/nu16030387. IF: 4,8 Q1 D2	GC09
Asin MAPJ, Molina AB, Gómez-Cuervo C, Díaz-Pedroche MD, Pedrajas JM, Lopez-Nuñez JJ, Gil-Díaz A, Alda-Lozano A, Bosevski M, Monreal M. Venous thromboembolism in women with hormone-dependent breast cancer. To continue or discontinue hormonal treatment? Insights from the RIETE registry. THROMBOSIS RESEARCH. 2024. -. DOI: 10.1016/j.thromres.2024.109087. IF: 3,7 Q1 D3	GC09
Camacho-Barcia L, Giel KE, Jiménez-Murcia S, Pitti JA, Micali N, Lucas I, Miranda-Olivos R, Munguia L, Tena-Sempere M, Zipfel S, Fernández-Aranda F. Eating disorders and obesity: bridging clinical , neurobiological, and therapeutic perspectives. TRENDS IN MOLECULAR MEDICINE. 2024. 361-379. DOI: 10.1016/j.molmed.2024.02.007. IF: 12,8 Q1 D1	GC10
Rodríguez-Vázquez E, Aranda-Torrecillas A, López-Sancho M, Castellano JM, Tena-Sempere M. Emerging roles of lipid and metabolic sensing in the neuroendocrine control of body weight and reproduction. FRONTIERS IN ENDOCRINOLOGY. 2024. -. DOI: 10.3389/fendo.2024.1454874. IF: 3,9 Q2 D3	GC10
García-Martín A, Prados ME, Lastres-Cubillo I, Ponce-Diaz FJ, Cerero L, Garrido-Rodríguez M, Navarrete C, Pineda R, Rodríguez AB, Muñoz I, Moya J, Medeot A, Moreno JA, Chacón A, García-Revillo J, Muñoz E. Etrinabdone (VCE-004.8), a B55α activator, promotes angiogenesis and arteriogenesis in critical limb ischemia. JOURNAL OF TRANSLATIONAL MEDICINE. 2024. -. DOI: 10.1186/s12967-024-05748-w. IF: 6,1 Q2 D3	GC10
Torres E, Pellegrino G, Granados-Rodríguez M, Fuentes-Fayos AC, Velasco I, Coutteau-Robles A, Legrand A, Shanabrough M, Perdices-Lopez C, Leon S, Yeo SH, Manchishi SM, Sánchez-Tapia MJ, Navarro VM, Pineda R, Roa J, Naftolin F, Argente J, Luque RM, Chowen JA, Horvath TL, Prevot V, Sharif A, Colledge WH, Tena-Sempere M, Romero-Ruiz A. Kisspeptin signaling in astrocytes modulates the reproductive axis. JOURNAL OF CLINICAL INVESTIGATION. 2024. -. DOI: 10.1172/JCI172908. IF: 13,3 Q1 D1	GC10
Velasco I, Daza-Dueñas S, Torres E, Ruiz-Pino F, Vázquez MJ, Tena-Sempere M. Kisspeptins centrally modulate food intake and locomotor activity in mice independently of gonadal steroids in a sexually dimorphic manner. JOURNAL OF NEUROENDOCRINOLOGY. 2024. -. DOI: 10.1111/jne.13433. IF: 3,3 Q2 D4	GC10
Palomino-Fernández L, Pastor-Villaescusa B, Velasco I, Rico MD, Roa J, Gil A, Gil-Campos M. Metabolic and Low-Grade Inflammation Risk in Young Adults with a History of Extrauterine Growth Restriction. NUTRIENTS. 2024. -. DOI: 10.3390/nu16111608. IF: 4,8 Q1 D2	GC10
Anderson GM, Hill JW, Kaiser UB, Navarro VM, Ong KK, Perry JRB, Prevot V, Tena-Sempere M, Elias CF. Metabolic control of puberty: 60 years in the footsteps of Kennedy and Mitra’s seminal work. NATURE REVIEWS ENDOCRINOLOGY. 2024. 111-123. DOI: 10.1038/s41574-023-00919-z. IF: 31 Q1 D1	GC10

PUBLICATIONS	IMIBIC GROUP
Sánchez-Garrido MA, Serrano-López V, Ruiz-Pino F, Vázquez MJ, Rodríguez-Martin A, Torres E, Velasco I, Rodriguez AB, Chicano-Gálvez E, Mora-Ortiz M, Ohlsson C, Poutanen M, Pinilla L, Gáytan F, Douros JD, Yang B, Müller TD, Dimarchi RD, Tschöp MH, Finan B, Tena-Sempere M. Superior metabolic improvement of polycystic ovary syndrome traits after GLP1-based multi-agonist therapy. NATURE COMMUNICATIONS. 2024. -. DOI: 10.1038/s41467-024-52898-y. IF: 14,7 Q1 D1	GC10
Avendano MS, Perdices-Lopez C, Guerrero-Ruiz Y, Ruiz-Pino F, Rodriguez-Sanchez AB, Sanchez-Tapia MJ, Sobrino V, Pineda R, Barroso A, Correa-Saez A, Lara-Chica M, Fernandez-Garcia JC, Garcia-Redondo AB, Hernanz R, Ruiz-Cruz M, Garcia-Galiano D, Pitteloud N, Calzado MA, Briones AM, Vazquez MJ, Tena-Sempere M. The evolutionary conserved miR-137/325 tandem mediates obesity-induced hypogonadism and metabolic comorbidities by repressing hypothalamic kisspeptin. METABOLISM-CLINICAL AND EXPERIMENTAL. 2024. -. DOI: 10.1016/j.metabol.2024.155932. IF: 10,8 Q1 D1	GC10
Rivas-Garcia L, Quintana-Navarro GM, Alcala-Díaz JF, Torres-Peña JD, Larriva APAD, Rangel-Zuñiga OA, López-Moreno A, Malagon MM, Katsiki N, Perez-Martinez P, Lopez-Miranda J, Delgado-Lista J. Association between Diet Quality and Risk of Type 2 Diabetes Mellitus in Patients with Coronary Heart Disease: Findings from the CORDIOPREV Study. NUTRIENTS. 2024. -. DOI: 10.3390/nu16081249. IF: 4,8 Q1 D2	GC11
Dahdah N, Tercero-Alcázar C, Malagón MM, Garcia-Roves PM, Guzmán-Ruiz R. Interrelation of adipose tissue macrophages and fibrosis in obesity. BIOCHEMICAL PHARMACOLOGY. 2024. -. DOI: 10.1016/j.bcp.2024.116324. IF: 5,3 Q1 D1	GC11
López-Alcalá J, Gordon A, Trávez A, Tercero-Alcázar C, Correa-Sáez A, González-Rellán MJ, Rangel-Zúñiga OA, Rodríguez A, Membrives A, Frühbeck G, Nogueiras R, Calzado MA, Guzmán-Ruiz R, Malagón MM. Localization, traffic and function of Rab34 in adipocyte lipid and endocrine functions. JOURNAL OF BIOMEDICAL SCIENCE. 2024. -. DOI: 10.1186/s12929-023-00990-8. IF: 9 Q1 D1	GC11
Lagal DJ, Ortiz-Alcántara A, Pedrajas JR, Mcdonagh B, Bárcena JA, Requejo-Aguilar R, Padilla CA. Loss of peroxiredoxin 6 alters lipid composition and distribution resulting in increased sensitivity to ferroptosis. BIOCHEMICAL JOURNAL. 2024. 1997-2015. DOI: 10.1042/BCJ20240445. IF: 4,4 Q2 D3	GC11
Garcia-Fernandez H, Arenas-de Larriva AP, Lopez-Moreno J, Gutierrez-Mariscal FM, Romero-Cabrera JL, Molina-Abril H, Torres-Peña JD, Rodríguez-Cano D, Malagon MM, Ordovas JM, Delgado-Lista J, Perez-Martinez P, Lopez-Miranda J, Camargo A. Sex-specific differences in intestinal microbiota associated with cardiovascular diseases. BIOLOGY OF SEX DIFFERENCES. 2024. -. DOI: 10.1186/s13293-024-00582-7. IF: 4,9 Q1 D2	GC11
Sauer PV, Cupellini L, Sutter M, Bondanza M, Martin MAD, Kirst H, Bína D, Koh AF, Kotecha A, Greber BJ, Nogales E, Polívka T, Mennucci B, Kerfeld CA. Structural and quantum chemical basis for OCP-mediated quenching of phycobilisomes. SCIENCE ADVANCES. 2024. -. DOI: 10.1126/sciadv.adk7535. IF: 11,7 Q1 D1	GC11
Lagal DJ, Montes-Osuna AM, Ortiz-Olivencia A, Arribas-Parejas C, Ortiz-Alcántara A, Pescuezo-Castillo C, Bárcena JA, Padilla CA, Requejo-Aguilar R. Tumoral Malignancy Decreases Coupled with Higher ROS and Lipid Peroxidation in HCT116 Colon Cancer Cells upon Loss of PRDX6. ANTIOXIDANTS. 2024. -. DOI: 10.3390/antiox13070881. IF: 6 Q1 D2	GC11
de Mier MVPR, Santamaría R, Moyano-Peregrín C, Gordillo JE, Salmoral-Chamizo A, López-López I, Rodelo-Haad C, Valle C, Membrives-González C, López-Ruiz DJ, Alvarez-Benito M, López-Baltanás R, Torralbo AI, Valdés-Díaz KC, García-Sáez RM, Jurado-Montoya D, Pinaglia-Tobaruela G, Martínez-Moreno JM, Martín-Malo A, Soriano S, Rodríguez M, Rodríguez-Ortiz ME, Muñoz-Castañeda JR. Bone and vascular effects of magnesium supplements in CKD patients (the MagicalBone Pilot Study). NEFROLOGIA. 2024. 721-730. DOI: 10.1016/j.nefro.2024.02.003. IF: 2 Q2 D5	GC13

PUBLICATIONS	IMIBIC GROUP
Rodríguez-Ortiz ME, Jurado-Montoya D, Valdés-Díaz K, García-Sáez RM, Torralbo AI, Obrero T, Vidal-Jiménez V, Jiménez MJ, Carmona A, Guerrero F, de Mier MVPR, Rodelo-Haad C, Canalejo A, Rodríguez M, Soriano-Cabrera S, Muñoz-Castaneda JR. Cognitive Impairment Related to Chronic Kidney Disease Is Associated with a Decreased Abundance of Membrane-Bound Klotho in the Cerebral Cortex. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25084194. IF: 4,9 Q1 D3	GC13
Díaz-Tocados JM, Rodríguez-Ortiz ME, Herencia C, López-Baltanás R, Jurado-Montoya D, García-Saez RM, Valdés-Díaz K, Martínez-Moreno JM, Santamaría R, de Mier MVPR, Rodelo-Haad C, Frazao JM, Felsenfeld AJ, Rodriguez M, Almadén Y, Muñoz-Castañeda JR. Comparative effects of calcitriol and calcimimetic on bone health in renal insufficiency. FASEB JOURNAL. 2024. -. DOI: 10.1096/fj.202302704R. IF: 4,4 Q1 D2	GC13
López-Viñau T, Muñoz-Rosa M, Ruiz-Lara LM, García-Martínez L, Machuca I, Gracia-Ahufinger I, Montero RR, Castón JJ, Cano A, Ruiz-Arabi E, del Prado JR, Salcedo I, Martínez-Martínez L, Torre-Cisneros J. Long-Term Clinical and Ecological Impact of an Antimicrobial Stewardship Program on the Incidence of Carbapenem-Resistant Klebsiella pneumoniae Infections in a High-Endemic Hospital. ANTIBIOTICS-BASEL. 2024. -. DOI: 10.3390/antibiotics13090792. IF: 4,3 Q1 D2	GC13
López-Romero LC, Broseta JJ, Roca-Marugán M, Muñoz-Castañeda JR, Lahoz A, Hernández-Jaras J. Metabolomics of Plasma in XLH Patients with Arterial Hypertension: New Insights into the Underlying Mechanisms. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25063545. IF: 4,9 Q1 D3	GC13
Fernández-Villabrille S, Martín-Carro B, Martín-Vírgala J, Rodríguez-Santamaria MD, Baena-Huerta F, Muñoz-Castañeda JR, Fernández-Martín JL, Alonso-Montes C, Naves-Díaz M, Carrillo-López N, Panizo S. Novel Biomarkers of Bone Metabolism. NUTRIENTS. 2024. -. DOI: 10.3390/nu16050605. IF: 4,8 Q1 D2	GC13
Bover J, Gómez-Alonso C, Casado E, Rodríguez-García M, Lloret MJ, Castro-Alonso C, Gifre L, Henríquez-Palop F, Prior-Español A, de la Manzanara VL, Láiz AM, Martínez-Ferrer A, Torregrosa JV, Cigarrán S, Górriz JL, Montomoli M, Panizo N, Costa E, Martínez-Laguna D, Rodríguez M, Navarro-González JF. Osteoporosis management in patients with chronic kidney disease (ERCOS Study): A challenge in nephrological care. NEFROLOGIA. 2024. 241-250. DOI: 10.1016/j.nefro.2023.05.00. IF: 2 Q2 D5	GC13
Lellig M, Rodríguez M, López-Baltanás R, Hermann J, Wollenhaupt J, Noels H, Zidek W, Tepel M, Mahfoud F, Jankowski J, Muñoz-Castañeda JR, Jankowski V. Pyridoxal-5'-phosphate: A cost-effective treatment candidate for hypertensive patients?. JOURNAL OF INTERNAL MEDICINE. 2024. 435-448. DOI: 10.1111/joim.20015. IF: 9 Q1 D1	GC13
Justicia-Lirio P, Tristán-Manzano M, Maldonado-Pérez N, Barbero-Jiménez C, Cortijo-Gutiérrez M, Pavlovic K, Molina-Estevez FJ, Muñoz P, Hinckley-Boned A, Rodríguez-Madoz JR, Prosper F, Griñán-Lison C, Navarro-Marchal SA, Panisello C, Muñoz-Ballester J, González-Sierra PA, Herrera C, Marchal JA, Martín F. First-in-class transactivator-free , doxycycline-inducible IL-18-engineered CAR-T cells for relapsed/refractory B cell lymphomas. MOLECULAR THERAPY NUCLEIC ACIDS. 2024. -. DOI: 10.1016/j.omtn.2024.102308. IF: 6,5 Q1 D2	GC14
Pavlovic K, Carmona-Luque M, Corsi GI, Maldonado-Pérez N, Molina-Estevez FJ, Peralbo-Santaella E, Cortijo-Gutiérrez M, Justicia-Lirio P, Tristán-Manzano M, Ronco-Díaz V, Ballesteros-Ribelles A, Millán-López A, Heredia-Velázquez P, Fuster-García C, Cathomen T, Seemann SE, Gorodkin J, Martin F, Herrera C, Benabdellah K. Generating universal anti-CD19 CAR T cells with a defined memory phenotype by CRISPR/Cas9 editing and safety evaluation of the transcriptome. FRONTIERS IN IMMUNOLOGY. 2024. -. DOI: 10.3389/fimmu.2024.1401683. IF: 5,7 Q1 D3	GC14
Ballesteros-Ribelles A, Millán-López A, Carmona-Luque M, Herrera C. Granulocyte Colony Stimulating Factor-Mobilized Peripheral Blood Mononuclear Cells: An Alternative Cellular Source for Chimeric Antigen Receptor Therapy. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25115769. IF: 4,9 Q1 D3	GC14

PUBLICATIONS	IMIBIC GROUP
Aldebert C, Fahd M, Galimard JE, Ghemlas IA, Zecca M, Silva J, Mohseny A, Kupesiz A, Hamladji RM, Miranda N, Güngör T, Wynn RF, Merli P, Sundin M, Faraci M, Diaz-de-Heredia C, Burkhardt B, Bordon V, Angoso M, Bader P, Ifversen M, Arroyo CH, Maximova N, Riesco S, Stein J, Dalissier A, Locatelli F, Kalwak K, Dalle JH, Corbacioglu S. Outcomes of patients undergoing allogeneic haematopoietic stem cell transplantation for congenital amegakaryocytic thrombocytopenia; a study on behalf of the PDWP of the EBMT. BONE MARROW TRANSPLANTATION. 2024. 1717-1725. DOI: 10.1038/s41409-024-02416-x. IF: 4,5 Q1 D2	GC14
Carmona-Luque MD, Ballesteros-Ribelles A, Millán-López A, Blanco A, Nogueras S, Herrera C. The Effect of Cell Culture Passage on the Efficacy of Mesenchymal Stromal Cells as a Cell Therapy Treatment. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13092480. IF: 3 Q1 D2	GC14
Crisà E, Mora E, Germing U, Bally C, Campelo MD, Myllymäki M, Jädersten M, Komrokji R, Platzbecker U, Haase D, Hofmann WK, Al Ali NH, Barraco D, Bargay JJ, Bernal T, Cadenas FL, Calvisi A, Capodanno I, Cerrano M, Ciancia R, Crugnola M, Kündgen A, Finelli C, Fozza C, Frairia C, Freja E, Ganster C, Kubasch AS, Jimenez MJ, Latagliata R, Mohedo FH, Molero A, Pampliega MV, Perez CA, Pietrantuono G, Poloni A, Pomares H, Recasens V, Rüfer A, Signori A, Hellstrom-Lindberg E, Fenaux P, Sanz G, Santini V. Transfusion independence after lenalidomide discontinuation in patients with del(5q) myelodysplastic neoplasm: a HARMONY Alliance study. LEUKEMIA. 2024. 2259-2265. DOI: 10.1038/s41375-024-02360-1. IF: 12,8 Q1 D1	GC14
Blasco-Turrión S, Briedis K, Estévez-Loureiro R, Sánchez-Recalde A, Cruz-González I, Pascual I, Mascherbauer J, Altisent OAJ, Nombela-Franco L, Pan MN, Trillo R, Moreno R, Delle Karth G, Sánchez-Luna JP, Gonzalez-Gutiérrez JC, Revilla-Orodoea A, Zamorano JL, Gómez-Salvador I, Puri R, Román JAS, Amat-Santos IJ. Bicaval TricValve Implantation in Patients With Severe Symptomatic Tricuspid Regurgitation 1-Year Follow-Up Outcomes. JACC-CARDIOVASCULAR INTERVENTIONS. 2024. 60-72. DOI: 10.1016/j.jcin.2023.10.043. IF: 11,7 Q1 D1	GC15
Rodríguez-Padial L, Pérez A, Sánchez MA, Barrios V, Orna JAG, Muñiz J. Characteristics of women with type 2 diabetes mellitus and heart failure in Spain. The DIABET-IC study. CARDIOLOGY JOURNAL. 2024. 103-110. DOI: 10.5603/CJ.a2023.0016. IF: 2,5 Q2 D5	GC15
Jerónimo A, Olmos C, Zulet P, Gómez-Ramírez D, Anguita M, Castillo JC, Escrihuela-Vidal F, Cuervo G, Calderón-Parra J, Ramos A, Cabezón G, Rodríguez JA, Pulido P, de Miguel-Alava M, Sáez C, López J, Vilacosta I, San Román JA. Clinical characteristics and outcomes of aortic prosthetic valve endocarditis: comparison between transcatheter and surgical bioprostheses. INFECTION. 2024. 2425-2434. DOI: 10.1007/s15010-024-02302-0. IF: 5,4 Q1 D2	GC15
Gallo-Fernández I, López-Aguilera J, González-Manzanares R, Pericet-Rodriguez C, Carmona-Rico MJ, Perea-Armijo J, Castillo-Domínguez JC, Anguita-Sánchez M. Clinical differences between transthyretin cardiac amyloidosis and hypertensive heart disease. MEDICINA CLINICA. 2024. 205-212. DOI: 10.1016/j.medcli.2023.10.006. IF: 2,6 Q1 D3	GC15
De Heredia APLF, Ortiz MR, Cabeza AIP, Expósito AD, Valenzuela MIF, Bailén MC, Cubiles IAD, Vega AM, Aguilar MZ, Muñoz MC, Manrique TG, Llergo JT, Granados ALO, Fernández JJS, Cadenas JC, Rubio DM. Clinical outcomes and mortality in patients with atrial fibrillation and recently diagnosed lung cancer in oncology outpatient settings. CURRENT PROBLEMS IN CARDIOLOGY. 2024. -. DOI: 10.1016/j.cpcardiol.2023.102239. IF: 3 Q2 D4	GC15
Marín F, Sánchez MA, Lekuona I, Fernández MS, Barrios V, Muñoz CP, Cosín-Sales J, Cabeza AIP, Schilling VR, Priu CR, Orenes-Piñero E, Esteve-Pastor MA. Clinical profile and outcomes in very elderly patients with at-rial fibrillation anticoagulated with rivaroxaban: data from the EMIR study. JOURNAL OF GERIATRIC CARDIOLOGY. 2024. 723-732. DOI: 10.26599/1671-5411.2024.07.003. IF: 1,8 Q3 D	GC15
Pascual-Figal D, Villota JN, Pérez-Martínez MT, González-Juanatey JR, Taibo-Urquía M, Iborra PL, González-Martín J, Villar S, Soler M, Mirabet S, Aimó A, Riquelme-Pérez A, Sánchez MA, Martínez-Sellés M, Sánchez PL, Ibáñez B, Bayés-Genís A. Colchicine in acute heart failure: Rationale and design of a randomized double-blind placebo-controlled trial (COLICA). EUROPEAN JOURNAL OF HEART FAILURE. 2024. 1999-2007. DOI: 10.1002/ehhf.3300. IF: 16,9 Q1 D1	GC15

PUBLICATIONS	IMIBIC GROUP
Maestre-Luque LC, Gonzalez-Manzanares R, de Lezo JS, Hidalgo F, Barreiro-Mesa L, de Juan J, Gallo I, Perea J, Alvarado M, Romero M, Ojeda S, Pan M. Complete vs. incomplete percutaneous revascularization in patients with chronic total coronary artery occlusion. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2024. -. DOI: 10.3389/fcvm.2024.1443258. IF: 2,8 Q2 D4	GC15
Fernandez-Aviles C, Gonzalez-Manzanares R, Ojeda S, Castillo JC, Robles-Mezcua A, Anguita M, Mesa D, Pan MN. Diagnostic and Therapeutic Approaches for Heart Failure in Long-Term Survivors of Childhood Cancer. BIOMEDICINES. 2024. -. DOI: 10.3390/biomedicines12081875. IF: 3,9 Q2 D4	GC15
Fernández-Avilés C, González-Manzanares R, Ojeda S, Molina J, Heredia C, Resua A, Hidalgo F, López-Aguilera J, Mesa D, Anguita M, Castillo JC, Pana M. Diastolic function assessment with left atrial strain in long-term survivors of childhood acute leukemia. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 60-68. DOI: 10.1016/j.rec.2023.05.001. IF: 7,2 Q1 D2	GC15
Benitez-Velasco A, Alzas-Teomiro C, Gómez CZ, Jiménez CM, Aguilera JL, Crespín M, Vallejo-Casas JA, Gálvez-Moreno MA, Puerta MJM, Herrera-Martínez AD. Differences in the Evaluation of Malnutrition and Body Composition Using Bioelectrical Impedance Analysis, Nutritional Ultrasound, and Dual-Energy X-ray Absorptiometry in Patients with Heart Failure. NUTRIENTS. 2024. -. DOI: 10.3390/nu16101535. IF: 4,8 Q1 D2	GC15
Santos DL, Guerra AR, Flores VD, Sánchez MA. Embolic myocardial infarction secondary to marantic endocarditis in a patient with ulcerative colitis: case report. EUROPEAN HEART JOURNAL-CASE REPORTS. 2024. -. DOI: 10.1093/ehjcr/ytae617. IF: 0,8 Q4 D	GC15
Loucera C, Carmona R, Bostelmann G, Muñozerro-Muñiz D, Villegas R, Gonzalez-Manzanares R, Dopazo J, Anguita M. Evidence of the association between increased use of direct oral anticoagulants and a reduction in the rate of atrial fibrillation-related stroke and major bleeding at the population level (2012-2019). MEDICINA CLINICA. 2024. 220-227. DOI: 10.1016/j.medcli.2023.10.008. IF: 2,6 Q1 D3	GC15
Anguita-Gámez M, Esteban-Fernández A, Bonilla-Palomas JL, Bernal JL, del Prado N, Fernández-Pérez C, Elola-Somoza FJ, Anguita-Sánchez M. Gender differences in clinical features and outcomes of patients over 75 years presenting with acute heart failure. Results of a nationwide study (2016-2019). CARDIOLOGY JOURNAL. 2024. 427-433. DOI: 10.5603/cj.95612. IF: 2,4 Q2 D5	GC15
Bonilla-Palomas JL, Anguita-Sánchez M, Fernández-Pérez C, Bernal-Sobrino JL, García M, Prado N, Rosillo N, Pérez-Villacastín J, Gómez-Doblas JJ, Elola-Somoza FJ. Hospital admissions and outcomes for systolic and diastolic heart failure in Spain between 2016 and 2019: A population-based study. MEDICINA CLINICA. 2024. 213-219. DOI: 10.1016/j.medcli.2023.10.007. IF: 2,6 Q1 D3	GC15
Echarte-Morales J, Guerreiro CE, Freixa X, Arzamendi D, Moñivas V, Carrasco-Chinchilla F, Pan MN, Nombela-Franco L, Pascual I, Benito-González T, Perez R, Gómez-Blázquez I, Amat-Santos IJ, Cruz-González I, Sánchez-Recalde A, Alvarez ABC, Barreiro-Perez M, Sanchis L, Caneiro-Queija B, Li CH, del Trigo M, Martínez-Carmona JD, Mesa D, Jiménez P, Avanzas P, Cepas-Guillén P, Estévez-Loureiro R. Impact of Optimal Procedural Result After Transcatheter Edge-to-Edge Tricuspid Valve Repair Results From TRI-SPA Registry. JACC-CARDIOVASCULAR INTERVENTIONS. 2024. -. DOI: 10.1016/j.jcin.2024.08.003. IF: 11,7 Q1 D1	GC15

PUBLICATIONS	IMIBIC GROUP
Armario X, Carron J, Simpkin AJ, Elhadi M, Kennedy C, Abdel-Wahab M, Bleiziffer S, Lefèvre T, Wolf A, Pilgrim T, Villablanca PA, Blackman DJ, Van Mieghem NM, Hengstenberg C, Swaans MJ, Prendergast BD, Patterson T, Barbanti M, Webb JG, Behan M, Resar J, Chen M, Hildick-Smith D, Spence MS, Zweiker D, Bagur R, Teles R, Ribichini FL, Jagielak D, Park DW, Kornowski R, Wykrzykowska JJ, Bunc M, Estévez-Loureiro R, Poon K, Götzberg M, Jeger RV, Ince H, Packer EJS, Angelillis M, Nombela-Franco L, Guo YQ, Savontaus M, Al-Moghairi AM, Parasca CA, Kliger C, Roy D, Molnár L, Silva M, White J, Yamamoto M, Carrilho-Ferreira P, Toggweiler S, Voudris V, Ohno Y, Rodrigues I, Parma R, Ojeda S, Toutouzas K, Regueiro A, Grygier M, AlMerri K, Cruz-González I, Fridrich V, Hernández JMD, Noble S, Kala P, Asmarats L, Kurt IH, Bosmans J, Erglis M, Casserly I, Iskandarani D, Bhindi R, Kefer J, Yin WH, Rosseel L, Kim HS, O'Connor S, Hellig F, Szejfman M, Mendiz O, Pineda AM, Seth A, Pllaha E, Brito FS , Bajoras V, Balghith MA, Lee M, Eid-Lidt G, Vandeloo B, Vaz VD, Alasnag M, Ussia GP, Tay E, Mayol J, Gunasekaran S, Sardella G, Buddhari W, Kao HL, Dager A, Tzikas A, Gudmundsdottir IJ, Edris A, Jaikel LAG, Arias EA, Al-Hijji M, Ertuerk M, Conde-Vela C, Boljevic D, Guadagnoli AF, Hermlin T, ElGuindy AM, Lima MD, Santos LD, Perez L, Maluenda G, Akyüz AR, Alhaddad IA, Amin H, So CY, Al Nooryani AA, Vaca C, Albistur J, Nguyen QN, Arzamendi D, Grube E, Modine T, Tchéché D, Hayashida K, Latib A, Makkar RR, Piazza N, Sondergaard L, McEvoy JW, Mylotte D. Impact of the COVID-19 Pandemic on Global TAVR Activity The COVID-TAVI Study. JACC-CARDIOVASCULAR INTERVENTIONS. 2024. 374-387. DOI: 10.1016/j.jcin.2023.10.041. IF: 11,7 Q1 D1	GC15
Orna JAG, Martínez ABM, Padial LR, Sánchez MA, Barrios V, García JM, Perez AP. Impact of the presence and type of cardiovascular disease on the risk of mortality in type 2 diabetic patients: The DIABET-IC trial. ENDOCRINOLOGIA DIABETES Y NUTRICION. 2024. 278-289. DOI: 10.1016/j.endien.2024.07.001. IF: 1,8 Q3 D	GC15
Anguita-Gámez M, Vivas D, Ferrandis R, González-Manzanares R, Anguita M, Esteve-Pastor MA, 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, Catalá JC, Martín-Rioboo E, Molines A, Rodríguez-Contreras R, Carnero-Alcázar M, Marín F. Incidence and clinical impact of inappropriate periprocedural and perioperative management of antiplatelet therapy. MEDICINA CLINICA. 2024. 336-343. DOI: 10.1016/j.medcli.2024.04.020. IF: 2,6 Q1 D3	GC15
Sánchez IMB, Aristizábal-Duque CH, Cabeza JF, Alvarez MV, Aparicio-Martínez P, Abellán MV, Ortiz MR, Rubio MDM, del Pozo FJF. Influence of Cardiovascular Risk Factors and Metabolic Syndrome on Epicardial Adipose Tissue Thickness in Rural Spanish Children and Adolescents. NUTRIENTS. 2024. -. DOI: 10.3390/nu16193321. IF: 4,8 Q1 D2	GC15
Jeronimo A, Nombela-Franco L, Simal P, Freixa X, Cerrato E, Cruz-Gonzalez I, Dueñas G, Veiga-Fernandez G, Goncalves-Ramirez LR, Garcia-Blas S, Fernández-Revuelta A, Cepas-Guillén P, Tomassini F, Lopez-Tejero S, Gonzalez-Manzanares R, Hernandez JMD, de Prado AP, Valero E, Gabani R, Travieso A, de Agustín JA, Tirado G, Jimenez-Quevedo P, Salinas P. Influence of procedural timing on the preventive yield of percutaneous patent foramen ovale closure. OPEN HEART. 2024. -. DOI: 10.1136/openhrt-2024-002870. IF: 2,8 Q2 D4	GC15
Baumbach A, 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, Angerås O, Kim WK, Rothe J, Kristic I, Peral V, Garg S, Elzomor H, Tobe A, Morice MC, Onuma Y, Soliman O, Serruys PW. LANDMARK comparison of early outcomes of newer- generation Myval transcatheter heart valve series with contemporary valves (Sapient and Evolut) in real-world individuals with severe symptomatic native aortic stenosis: a randomised non-inferiority trial. LANCET. 2024. 2695-2708. DOI: 10.1016/S0140-6736(24)00821-3. IF: 98,4 Q1 D1	GC15
Herrera-Martínez AD, Jiménez CM, Aguilera JL, Crespín MC, García GM, Moreno MAG, Continente AC, Puerta MJM. Mediterranean Diet, Vitamin D, and Hypercaloric, Hyperproteic Oral Supplements for Treating Sarcopenia in Patients with Heart Failure-A Randomized Clinical Trial. NUTRIENTS. 2024. -. DOI: 10.3390/nu16010110. IF: 4,8 Q1 D2	GC15
Ruiz AF, Ortiz MR, Irache CFA, Almodóvar AMR, Ortega MD, Martínez FE, Collazo AR, Campos GH, Alvarez-Ossorio MP, Rubio DM. New severity criteria for tricuspid regurgitation in a broad population of “real life” patients: Prevalence and prognostic impact. CURRENT PROBLEMS IN CARDIOLOGY. 2024. -. DOI: 10.1016/j.cpcardiol.2023.102211. IF: 3 Q2 D4	GC15

PUBLICATIONS	IMIBIC GROUP
Cassadó-Valls P, Enjuanes C, Anguita M, Formiga F, Almenar L, Crespo-Leiro MG, Manzano L, Muñoz J, Chaves J, Hidalgo E, Ramos-Polo R, Yun SR, José-Bazán N, Moliner P, Comín-Colet J. No Obesity Paradox for Health-Related Quality of Life in Patients with Heart Failure and Reduced Ejection Fraction: Insights from the VIDA Multicenter Study. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13247558. IF: 3 Q1 D2	GC15
Cosin-Sales J, Anguita M, Suárez C, Arias-Cabrales C, Martínez-Sánchez L, Group SR, Arumi D, de Cabo SF. Oral anticoagulant treatment in atrial fibrillation: the AFIRMA real-world study using natural language processing and machine learning. REVISTA CLINICA ESPANOLA. 2024. 428-436. DOI: 10.1016/j.rce.2024.05.005. IF: 2,3 Q2 D3	GC15
Burzotta F, Louvard Y, Lassen JF, Lefèvre T, Finet G, Collet C, Legutko J, Lesiak M, Hikichi Y, Albiero R, Pan M, Chatzizisis YS, Hildick-Smith D, Ferenc M, Johnson TW, Chieffo A, Darremont O, Banning A, Serruys PW, Stankovic G. Percutaneous coronary intervention for bifurcation coronary lesions using optimised angiographic guidance: the 18th consensus document from the European Bifurcation Club. EUROINTERVENTION. 2024. E915-+. DOI: 10.4244/EIJ-D-24-00160. IF: 7,8 Q1 D1	GC15
Gonzalez-Manzanares R, Anguita-Gámez M, Muñoz J, Barrios V, Gimeno-Orna JA, Pérez A, Rodríguez-Padial L, Anguita M. Prevalence and incidence of heart failure in type 2 diabetes patients: results from a nationwide prospective cohort-the DIABET-IC study. CARDIOVASCULAR DIABETOLOGY. 2024. -. DOI: 10.1186/s12933-024-02358-0. IF: 8,5 Q1 D1	GC15
Sebastian CG, Paya VC, Castillo JC, Urbano-Moral JA, Zafra AR, Caballero MJV, Zamorano JL. Prevalence of Fabry disease in patients with left ventricular hypertrophy and renal involvement (PrEFaCe). MEDICINA CLINICA. 2024. 503-508. DOI: 10.1016/j.medcli.2024.06.009. IF: 2,6 Q1 D3	GC15
González-Urbistondo F, Almenar-Bonet L, Gómez-Bueno M, Crespo-Leiro M, González-Vílchez F, García-Cosío MD, López-Granados A, Mirabet S, Martínez-Sellés M, Sobrino JM, Díez-López C, Farrero M, Díaz-Molina B, Rábago G, de la Fuente-Galán L, Garrido-Bravo I, Blasco-Peiró MT, García-Quintana A, de Prada JAV. Prognosis after heart transplant in patients with hypertrophic and restrictive cardiomyopathy. A nationwide registry analysis. REVISTA ESPANOLADE CARDIOLOGIA. 2024. 304-313. DOI: 10.1016/j.rec.2023.10.006. IF: 7,2 Q1 D2	GC15
González-Costello J, Pérez-Blanco A, Delgado-Jiménez J, González-Vílchez F, Mirbet S, Sandeval E, Cuenca-Castillo J, Camino M, Segovia-Cubero J, Sánchez-Salado JC, de la Sota EP, Almenar-Bonet L, Farrero M, Zatarain E, García-Cosío MD, Garrido I, Caballero EB, Gómez-Bueno M, Bagudá JD, Manito-Lorite N, López-Granados A, García-Guereta L, Blasco-Peiró T, Sarraled-Aguayo JA, Sobrino-Márquez M, de la Fuente-Galán L, Crespo-Leiro MG, Coll E, Gran-Ipiña F, Díaz-Molina B, Doñate L, Arribas-Leal JM, Sánchez-Vicario F, Atienza F, Juan-Aracil GR, García-Quintana A, Martínez-Alpuente I, Riesgo-Gil F, Hernández-Montfort J, Oliver-Juan E, Sánchez-Rivas J, Padilla-Martínez M, Pérez-Villares JM, Miñambres E, Domínguez-Gil B. Review of the allocation criteria for heart transplant in Spain in 2023 . SEC-Heart Failure Association/ONT/SECCE consensus document. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 69-78. DOI: 10.1016/j.rec.2023.11.001. IF: 7,2 Q1 D2	GC15
Gonzalez LP, Ruiz-Ortiz M, Delgado M, Rodriguez S, Villalba R, Merino C, Casares J, Mesa D, de Lezo JS, Pan MN. Ross procedure: valve function, clinical outcomes and predictors after 25 years’ follow-up. CURRENT PROBLEMS IN CARDIOLOGY. 2024. -. DOI: 10.1016/j.cpcardiol.2024.102410. IF: 3 Q2 D4	GC15
Cosin-Sales J, Sánchez MA, Suárez C, Arias-Cabrales C, Martínez-Sánchez L, Arumi D, de Cabo SF. Safety and Effectiveness of Oral Anticoagulants in Atrial Fibrillation: Real-World Insights Using Natural Language Processing and Machine Learning. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13206226. IF: 3 Q1 D2	GC15
Tejerizo FB, Sánchez FC, Jurado-Román A, Cruz-González I, Alvarez-Fuente M, Amat-Santos IJ, Blasco PB, Mata RB, Carrasco JI, Bellón JMC, Fernández MF, Gómez-Jaume A, Gutiérrez-Barrios A, Albert BI, Montañés LJ, Aguado FGL, Lalaguna LA, Segovia RM, Pérez MJN, Pineda SO, Núñez FR, Gila JS, Sanz-Ruiz R, Vázquez-Alvarez ME, Argüelles JIZ. Spanish cardiac catheterization in congenital heart diseases registry. Third official report from the ACI-SEC and the GTH-SECPCC (2022). REC-INTERVENTIONAL CARDIOLOGY. 2024. 182-190. DOI: 10.24875/RECICE.M24000456. IF: 1,2 Q3 D	GC15

PUBLICATIONS	IMIBIC GROUP
Blasco-Turrión S, Crespo-Leiro MG, Trenado VD, Hion PL, Molina BD, Roura G, Alvarez-Osorio MP, Gómez-bueno M, Bautista CO, Diaz JF, Bravo IPG, Moreno R, Sarnago-Cebada F, González NS, Hernandez JM, del Blanco BG, Farrero M, Nadal RO, Martin P, de la Fuente L, Sanz-Sánchez J, Pérez SM, Fernández VA, Hospital JAG, Granados AL, Couto-Mallon D, Espinosa M, Sousa DR, Zatarain-Nicolás E, Aizpurua DA, Vilella RL, Roman JAS, Amat-Santos IJ. Structural heart transcatheter interventions in orthotopic cardiac transplant and left ventricular assist devices recipients: A nationwide study. INTERNATIONAL JOURNAL OF CARDIOLOGY. 2024. -. DOI: 10.1016/j.ijcard.2024.132340. IF: 3,2 Q2 D3	GC15
Hidalgo F, Gonzalez-Manzanares R, de Lezo JS, Gallo I, Alvarado M, Perea J, Maestre-Luque LC, Resúa A, Romero M, López-Benito M, de Prado AP, Ojeda S, Pan MN. The Usefulness of Coregistration with iFR in Tandem or Long Diffuse Coronary Lesions: The iLARDI Randomized Clinical Trial. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13154342. IF: 3 Q1 D2	GC15
Gomez-Lara J, Lopez-Palop R, Rumiz E, Jurado-Roman A, Gomez-Menchero A, Valencia J, Fernandez E, Ramirez LRG, Brugaletta S, Millan R, Cortes C, Tejedor P, Gutierrez-Barrios A, Flores X, Cid-alvarez AB, Garcia-Blas S, Garcia-Camarero T, Vicente JAL, Vaquerizo B, Soriano JGC, Caballero J, Piris RMC, Sanchez-Elvira G, Oyarzabal L, Pernigotti A, Tramullas A, Antuna P, Rodriguez-Leor O, Ojeda S, Rossello X, Gomez-Hospital JA, Bermejo J, Garcia-Garcia HM, Prado APD, Gutierrez-Ibanes E. Treatment of functionally nonsignificant vulnerable plaques in multivessel STEMI: design of the VULNERABLE trial. REC-INTERVENTIONAL CARDIOLOGY. 2024. -. DOI: 10.24875/RECIC.M24000468. IF: 1,2 Q4 D	GC15
Amat-Santos IJ, Marengo G, Sánchez-Luna JP, Villar CC, Crespo FR, Díaz VAJ, Hernández JMD, de Prado AP, Sabaté M, López-Palop R, Valle JMV, de Lezo JS, Cordon CF, Gonzalez JC, García-Gómez M, Redondo A, Moraleja MC, San Roman JA. Validation of Quantitative Flow Ratio-Derived Virtual Angioplasty with Post-Angioplasty Fractional Flow Reserve-The QIMERA-I Study. JOURNAL OF CARDIOVASCULAR DEVELOPMENT AND DISEASE. 2024. -. DOI: 10.3390/jcdd11010014. IF: 2,4 Q2 D5	GC15
Pan MN, Pericet C, González-Manzanares R, Díaz MA, de Lezo JS, Hidalgo F, Alvarado M, Dueñas G, Gómez E, Espejo S, Perea J, Romero M, Ojeda S. Very long-term follow-up after aortic stenting for coarctation of the aorta. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 332-341. DOI: 10.1016/j.rec.2023.10.004. IF: 7,2 Q1 D2	GC15
Herrera-Martínez AD, Jiménez CM, Romo AN, Aguilera JL, Crespin MC, Baena BT, Casado-Díaz A, Moreno MAG, Puerta MJM, Roger AJ. Nutritional Support Reduces Circulating Cytokines in Patients with Heart Failure. NUTRIENTS. 2024. -. DOI: 10.3390/nu16111637. IF: 4,8 Q1 D2	GC15
Cordoba R, Sánchez-García J, Domingo-Domenech E, Jiménez JL, Pozo AM, Carpio C, Bendaña A, González AJ, de Villambrosia SG, Codina JG, Navarro B, Rodríguez G, Naves A, Baeza L, García-Sancho AM. 18F-FDG-PET/CT response after first-line treatment as a prognostic factor for survival in peripheral T-cell lymphoma: a Spanish retrospective study. EXPERT REVIEW OF HEMATOLOGY. 2024. 95-100. DOI: 10.1080/17474086.2024.2313457. IF: 2,3 Q2 D5	GC16
Fernández-Avilés C, González-Manzanares R, Ojeda S, Molina J, Heredia C, Resua A, Hidalgo F, López-Aguilera J, Mesa D, Anguita M, Castillo JC, Pana M. Diastolic function assessment with left atrial strain in long-term survivors of childhood acute leukemia. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 60-68. DOI: 10.1016/j.rec.2023.05.001. IF: 7,2 Q1 D2	GC16
Suárez EU, Boluda B, Lavilla E, Tormo M, Botella C, Gil C, Vives S, Rodríguez C, Serrano J, Sayas MJ, Martínez-Sánchez P, Ramos F, Bernal T, Algarra L, Bergua-Burgues JM, Pérez-Simón JA, Herrera P, Barrios M, Noriega-Concepción V, Raposo-Puglia JA, Ayala R, Barragán E, Martínez-Cuadrón D, Amigo ML, López-Lorenzo JL, Lázaro-García A, Guimaraes JE, Colorado M, García-Boyero R, De Rueda-Ciller B, Foncillas-García M, Hong A, Labrador J, Alonso-Dominguez JM, Montesinos P. Do NPM1 and FLT3-ITD mutations modify prognosis in patients treated with non-intensive regimens?. ANNALS OF HEMATOLOGY. 2024. 2845-2851. DOI: 10.1007/s00277-024-05840-7. IF: 3 Q2 D4	GC16

PUBLICATIONS	IMIBIC GROUP
Labrador J, Martínez-Cuadrón D, Boluda B, Serrano J, Gil C, Pérez-Simón JA, Bernal T, Bergua JM, Martínez-López J, Rodríguez-Medina C, Vidriales MB, García-Boyero R, Algarra L, Polo M, Sayas MJ, Tormo M, Alonso-DomínguezJM, Herrera P, Lavilla E, Ramos F, Amigo ML, Vives-Polo S, Rodríguez-Macías G, Mena-Durán A, Pérez-Encinas MM, Arce-Fernández O, Cuello R, Sánchez-García J, Gómez-Casares MT, Chillón MC, Calasanz MJ, Ayala R, Rodríguez-Veiga R, Barragán E, Montesinos P. Evolving patterns and clinical outcome of genetic studies performed at diagnosis in acute myeloid leukemia patients: Real life data from the PETHEMA Registry. CANCER. 2024. 3436-3451. DOI: 10.1002/cncr.35431. IF: 6,1 Q1 D2	GC16
Ribera JM, Morgades M, García-Calduch O, Sirvent M, Buendía B, Cervera M, Luzardo H, Hernández-Rivas JM, Sitges M, García-Cadenas I, Abrisqueta P, Montesinos P, Bastos-Oreiro M, de Llano MPQ, Bravo P, Torrent A, Herrera P, Garcia-Guiñon A, Vall-Ilovera F, Serrano J, Terol MJ, Bergua JM, García-Noblejas A, Barrenetxea C, Llorente L, García-Belmonte D, Gimeno E, Cladera A, Mercadal S, Sancho JM. Feasibility and outcomes after dose reduction of immunochemotherapy in young adults with Burkitt lymphoma and leukemia: results of the BURKIMAB14 trial. HAEMATOLOGICA. 2024. 543-552. DOI: 10.3324/haematol.2023.283342. IF: 8,2 Q1 D2	GC16
Ribera JM, Morgades M, García-Calduch O, Sirvent M, Buendía B, Cervera M, Luzardo H, Hernández-Rivas JM, Sitges M, García-Cadenas I, Abrisqueta P, Montesinos P, Bastos-Oreiro M, de Llano MPQ, Bravo P, Torrent A, Herrera P, Garcia-Guiñon A, Vall-Ilovera F, Serrano J, Terol MJ, Bergua JM, García-Noblejas A, Barrenetxea C, Llorente L, García-Belmonte D, Gimeno E, Cladera A, Mercadal S, Sancho JM. Feasibility and outcomes after dose reduction of immunochemotherapy in young adults with Burkitt lymphoma and leukemia: results of the BURKIMAB14 trial. REVISTA CHILENA DE LITERATURA. 2024. 543-552. DOI: 10.3324/haematol.2023.283342. IF: No consta Q D	GC16
Abrisqueta P, González-Barca E, Ferrà C, Ríos-Herranz E, de la Mata MF, Delgado J, Andreu R, Hernández-Rivas JA, Terol MJ, Navarro A, Vidriales MB, Baltasar P, De la Serna J, Ramirez A, Ballester C, Moreno C, García-Marco JA, Córdoba R, Yáñez L, Casado LF, González M, Bosch F. Ibrutinib followed by ofatumumab consolidation in previously untreated patients with chronic lymphocytic leukemia (CLL): GELLC-7 trial from the Spanish group of CLL (GELLC). ECLINICALMEDICINE. 2024. -. DOI: 10.1016/j.eclinm.2024.102642. IF: 9,6 Q1 D1	GC16
Díez-Campelo M, López-Cadenas F, Xicoy B, Lumbreras E, González T, González MD, Sánchez-García J, Jordà RC, Slama B, Hernández-Rivas JA, Thepot S, Bernal T, Guerci-Bresler A, Bargay J, Amigo ML, Preudhomme C, Fenwarth L, Platzbecker U, Götze KS, Arar A, Toribio S, Del Cañizo C, Hernández-Rivas JM, Fenaux P. Low dose lenalidomide versus placebo in non-transfusion dependent patients with low risk, del(5q) myelodysplastic syndromes (SintraREV): a randomised, double-blind, phase 3trial. LANCET HAEMATOLOGY. 2024. e659-e670. DOI: 10.1016/S2352-3026(24)00142-X. IF: 15,4 Q1 D1	GC16
Gil-Cosano JJ, Ubago-Guisado E, Llorente-Cantarero FJ, Marmol-Perez A, Rodriguez-Solana A, Pascual-Gazquez JF, Mateos ME, Molina-Hurtado JR, Garcia-Fontana B, Narciso PH, Klentrou P, Gracia-Marco L. Movement Behaviors and Bone Biomarkers in Young Pediatric Cancer Survivors: A Cross-Sectional Analysis of the iBoneFIT Project. NUTRIENTS. 2024. -. DOI: 10.3390/nu16223914. IF: 4,8 Q1 D2	GC16
Núñez-Jurado D, Payán-Pernía S, Alvarez-Ríos A, Jiménez-Jambrina M, Pérez-De-Soto IC, Palma-Vallellano AJ, Zapata-Bautista R, Hernández-Castellet JC, Garrastazul-Sánchez MP, Arqueros-Martínez V, Urbano-Ramos MD, Abdelkader-Maanan M, García-Lozano JR, Delgado-Pecellín C. Neonatal Screening for Sickle Cell Disease in Western Andalusia: Results and Lessons Learnt after 3 Years of Implementation. AMERICAN JOURNAL OF PERINATOLOGY. 2024. e893-e900. DOI: 10.1055/s-0042-1759646. IF: 1,5 Q2 D5	GC16
Cabrero M, López-Corral L, Jarque I, de la Cruz-vicente F, Pérez-López E, Valcárcel D, Sanz J, Espigado I, Ortí G, Martín-Calvo C, de la Serna J, Caballero D. Ofatumumab as part of reduced intensity conditioning in high risk B-cell lymphoma patients: final long-term analysis from a prospective multicenter Phase-II Trial. BONE MARROW TRANSPLANTATION. 2024. 359-365. DOI: 10.1038/s41409-023-02171-5. IF: 4,5 Q1 D2	GC16

PUBLICATIONS	IMIBIC GROUP
Martínez-Cuadrón D, Megías-Vericat JE, Gil C, Bernal T, Tormo M, Martínez-Sánchez P, Rodríguez-Medina C, Serrano J, Herrera P, Simón JAP, Sayas MJ, Bergua J, Lavilla-Rubira E, Amigo ML, Benavente C, Lorenzo JLL, Pérez-Encinas MM, Vidriales MB, 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, Solana-Altabella A, Boluda B, Montesinos P. Outcomes after intensive chemotherapy for secondary and myeloid-related changes acute myeloid leukemia patients aged 60 to 75 years old: a retrospective analysis from the PETHEMA registry. HAEMATOLOGICA. 2024. 115-128. DOI: 10.3324/haematol.2022.282506. IF: 8,2 Q1 D2	GC16
Mingot-Castellano ME, García-Donas G, Campos-Alvarez RM, de Mora MCFS, Luis-Navarro J, Domínguez-Rodríguez JF, Nieto-Hernández MD, Sanchez-Bazán I, Yera-Cobo M, Cardesa-Cabrera R, Jiménez-Gonzalo FJ, Caparrós-Miranda I, Entrena-Urena L, Herrera SJ, Jiménez DF, Díaz-Canales D, Moreno-Carrasco G, Calderón-Cabrera C, Núñez-Vázquez RJ, Pedrote-Amador B, Bárcenas RJ. Platelet Responses After Tapering and Discontinuation of Fostamatinib in Patients with Immune Thrombocytopenia: A Continuation of the Fostasur Study. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13216294. IF: 3 Q1 D2	GC16
Royo-Cebrecos C, Laporte-Amargós J, Peña M, Ruiz-Camps I, Garcia-Vidal C, Abdala E, Oltolini C, Akova M, Montejo M, Mikulska M, Martín-Dávila P, Herrera F, Gasch O, Drgona L, Morales HMP, Brunel AS, García E, Isler B, Kern WV, Palacios-Baena ZR, de la Calle GM, Montero MM, Kanj SS, Sipahi OR, Calik S, Márquez-Gómez I, Marin JI, Gomes MZR, Hemmatii P, Araos R, Peghin M, Del Pozo JL, Yáñez L, Tilley R, Manzur A, Novo A, Carratalà J, Gudiol C. Pseudomonas aeruginosa Bloodstream Infections Presenting with Septic Shock in Neutropenic Cancer Patients: Impact of Empirical Antibiotic Therapy. MICROORGANISMS. 2024. -. DOI: 10.3390/microorganisms12040705. IF: 4,1 Q2 D4	GC16
Vives S, Quintela D, Morgades M, Cano-Ferri I, Serrano A, Acuña-Cruz E, Cervera M, Díaz-Beyá M, Vidriales B, Raposo-Puglia JA, Arnan M, Garrido A, Balerdi A, Cabello AI, Herrera-Puente P, Serrano J, Coll R, Tormo M, López-Marín J, García-Avila S, Casado MS, Padilla I, Rodríguez-Macías G, Calbacho M, Puchol A, Hernández A, Torres M, Costilla L, Colorado MM, Martínez-Cuadrón D, Esteve J, Montesinos P.. Salvage Therapy with Second-Generation Inhibitors for FLT3 Mutated Acute Myeloid Leukemia: A Real-World Study by the CETLAM and PETHEMA Groups. CANCERS. 2024. -. DOI: 10.3390/cancers16234028. IF: 4,5 Q1 D3	GC16
Puig N, Agullo C, Contreras T, Perez JJ, Aires I, Calasanz MJ, Garcia-Sanz R, Castro S, Martinez-Lopez J, Rodriguez-Otero P, Gonzalez-Calle V, Gonzalez MS, Oriol A, Gutierrez NC, Rios-Tamayo R, Rosinol L, Alvarez MA, Bargay J, Gonzalez-Rodriguez AP, Alegre A, Escalante F, Inigo MB, de la Rubia J, Teruel AI, de Arriba F, Palomera L, Hernandez MT, Lopez-Jimenez J, Reinoso M, Garcia-Mateo A, Ocio EM, Blade J, Lahuerta JJ, Ceden a MT, Paiva B, Miguel JFS, Mateos MV. Single-point and kinetics of peripheral residual disease by mass spectrometry to predict outcome inpatients with high-risk smoldering multiple myeloma included in the GEM-CESAR trial. HAEMATOLOGICA. 2024. 4056-4066. DOI: 10.3324/haematol.2024.285742. IF: 8,2 Q1 D2	GC16
Jiménez-Bárcenas R, García-Donas-Gabaldón G, Campos-Alvarez RM, de Mora MCFS, Luis-Navarro J, Domínguez-Rodríguez JF, Nieto-Hernández MD, Sánchez-Bazán I, Yera-Cobo M, Cardesa-Cabrera R, Jiménez-Gonzalo FJ, Ruiz-Cobo MA, Caparrós-Miranda I, Entrena-Ureña L, Jiménez DF, Díaz-Canales D, Moreno-Carrasco G, Calderón-Cabrera C, Núñez-Vazquez RJ, Pedrote-Amador B, Mingot-Castellano ME. Treatment with fostamatinib in patients with immune thrombocytopenia: Experience from the Andalusian region in Spain-The Fostasur Study. BRITISH JOURNAL OF HAEMATOLOGY. 2024. 1977-1985. DOI: 10.1111/bjh.19443. IF: 5,1 Q1 D2	GC16
Avila-Jiménez JL, Cantón-Habas V, Carrera-González MD, Rich-Ruiz M, Ventura S. A deep learning model for Alzheimer’s disease diagnosis based on patient clinical records. COMPUTERS IN BIOLOGY AND MEDICINE. 2024. -. DOI: 10.1016/j.combiomed.2023.107814. IF: 7 Q1 D1	GC17
Herrera-Martínez AD, Román AR, Corrales EP, Idrobo C, Ramírez PP, Rojas PM, Lázaro CR, Araujo-Castro M. Adrenal incidentalomas, cortisol secretion and cancer: is there a real crosstalk?. FRONTIERS IN ENDOCRINOLOGY. 2024. -. DOI: 10.3389/fendo.2023.1335202. IF: 3,9 Q1 D4	GC17

PUBLICATIONS	IMIBIC GROUP
Alors-Pérez E, Pedraza-Arevalo S, Blázquez-Encinas R, García-Vioque V, Agraz-Doblas A, Yubero-Serrano EM, Sánchez-Frías ME, Serrano-Blanch R, Gálvez-Moreno MA, Gracia-Navarro F, Gahete MD, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Altered CELF4 splicing factor enhances pancreatic neuroendocrine tumors aggressiveness influencing mTOR and everolimus response. MOLECULAR THERAPY NUCLEIC ACIDS. 2024. -. DOI: 10.1016/j.omtn.2023.102090. IF: 6,5 Q1 D2	GC17
Takacs I, Mezosi E, Soto A, Kamenicky P, Figueres L, Moreno MAG, Lemoine S, Borson-Chazot F, Capel I, Ouldrouis T, Lucas N, Allas S, Sumeray M, Ovize M, Mannstadt M. An Open-label Phase 2 Study of Eneboparatide, a Novel PTH Receptor 1 Agonist, in Hypoparathyroidism. JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM. 2024. 2199-2209. DOI: 10.1210/clinem/dgae121. IF: 5 Q1 D2	GC17
Dueñas-Disotuar S, Piñar-Gutiérrez A, de Lara-Rodríguez I, Sastre-Marcos J, Anda-Apiñániz E, Oleaga-Alday A, Galofré-Ferrater JC, Orois-Añon A, Alcázar-Lázaro V, Martínez-Guasch L, Sánchez-Ragnarsson C, Gálvez-Moreno MA, Familiar-Casado C, Martín-Hernández T, Romero-Lluch AR. Bone metastasis in differentiated thyroid cancer: Spanish multicenter study of clinical characteristics, survival and prognostic factors. FRONTIERS IN ENDOCRINOLOGY. 2024. -. DOI: 10.3389/fendo.2024.1466245. IF: 3,9 Q2 D3	GC17
Entrenas-Castillo M, Entrenas-Costa LM, Pata MP, Jurado-Gamez B, Muñoz-Corroto C, Gomez-Rebollo C, Mira-Padilla E, Bouillon R, Quesada-Gómez JM. Calcifediol or Corticosteroids in the Treatment of COVID-19: An Observational Study. NUTRIENTS. 2024. -. DOI: 10.3390/nu16121910. IF: 4,8 Q1 D2	GC17
Tabernero C, Rebollo-Román A, Villaécija-Rodríguez J, Luque B. Charting a path to health: The empowering influence of self-efficacy for the self-management of type 1 diabetes in children and adolescents. INTERNATIONAL JOURNAL OF PSYCHOLOGY. 2024. 1121-1132. DOI: 10.1002/ijop.13240. IF: 3,3 Q1 D2	GC17
Camacho-Cardenosa M, Pulido-Escribano V, Torrecillas-Baena B, Quesada-Gómez JM, Herrera-Martínez AD, Sola-Guirado RR, Dorado G, Gálvez-Moreno MA, Casado-Díaz A. Combined Effects of Cyclic Hypoxic and Mechanical Stimuli on Human Bone Marrow Mesenchymal Stem Cell Differentiation: A New Approach to the Treatment of Bone Loss. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13195805. IF: 3 Q1 D2	GC17
Cantón-Habas V, Rich-Ruiz M, Martínez-Martos JM, Ramírez-Expósito MJ, Carrera-González MP. Determination of soluble tumor necrosis factor receptor II and secretory immunoglobulin A in saliva of patients with dementia. EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE. 2024. 1689-1696. DOI: 10.1007/s00406-023-01693-9. IF: 3,5 Q1 D3	GC17
Araujo-Castro M, Parra P, Rojas-Marcos PM, Fano MP, Boillos M, Pascual-Corrales E, Cano AMG, Ruiz-Sanchez JG, Delgado AV, Hoyos EG, Ferreira R, Sanz IG, Sala MR, Millan RBS, Cesar MJP, Guardiola PD, Perdomo CM, Manjon-Miguélez L, Centeno RG, Román AR, Gimeno PG, Lazaro CR, Morales-Ruiz M, Calatayud M, Collao SAF, Meneses D, Nuñez MS, Quesada VE, Ribas EM, Sánchez AS, Diaz CG, Lámas C, Tous MD, Gotarredona JS, Alevr as TM, Mateo EMM, Hanzu FA. Differences in the clinical and hormonal presentation of patients with familial and sporadic primary aldosteronism. FRONTIERS IN ENDOCRINOLOGY. 2024. -. DOI: 10.3389/fendo.2024.1336306. IF: 3,9 Q1 D4	GC17
Benitez-Velasco A, Alzas-Teomiro C, Gómez CZ, Jiménez CM, Aguilera JL, Crespin M, Vallejo-Casas JA, Gálvez-Moreno MA, Puerta MJM, Herrera-Martínez AD. Differences in the Evaluation of Malnutrition and Body Composition Using Bioelectrical Impedance Analysis, Nutritional Ultrasound, and Dual-Energy X-ray Absorptiometry in Patients with Heart Failure. NUTRIENTS. 2024. -. DOI: 10.3390/nu16101535. IF: 4,8 Q1 D2	GC17
Sánchez E, Elghazally NM, El-Sallamy RM, Ciudin A, Sánchez-Bao A, Hashish MS, Barakat-Barakat H, Gutiérrez-Medina S, Valdés N, Flores L, Marí-Sanchis A, Goñi F, Sánchez M, Nicolau J, Muñoz C, Díaz-Trastoy O, Cuatrecasas G, Cañizares S, Lecube A. Discrimination and Stigma Associated with Obesity: A Comparative Study between Spain and Egypt - Data from the OBESTIGMA study. OBESITY FACTS. 2024. 582-592. DOI: 10.1159/000540635. IF: 3,9 Q2 D3	GC17

PUBLICATIONS	IMIBIC GROUP
Herrera-Martínez AD, Fuentes-Fayos AC, Sanchez-Sanchez R, Montero AJ, Sarmento-Cabral A, Gálvez-Moreno MA, Gahete MD, Luque RM. Does Telotristat Have a Role in Preventing Carcinoid Heart Disease?. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25042036. IF: 4,9 Q1 D3	GC17
Sáez-Martínez P, Porcel-Pastrana F, Montero-Hidalgo AJ, de la Haba SL, Sanchez-Sanchez R, González-Serrano T, Gómez-Gómez E, Martínez-Fuentes AJ, Jiménez-Vacas JM, Gahete MD, Luque RM. Dysregulation of RNA-Exosome machinery is directly linked to major cancer hallmarks in prostate cancer: Oncogenic role of PABPN1. CANCER LETTERS. 2024. -. DOI: 10.1016/j.canlet.2023.216604. IF: 9,1 Q1 D2	GC17
Ruiz-Sánchez JG, Paja-Fano M, Boillos MG, Peris BP, Pascual-Corrales E, Cano AMG, Ramírez PP, Rojas-Marcos PM, Delgado AV, Hoyos EG, Ferreira R, Sanz IG, Sala MR, San Millan RB, César MJP, Guardiola PD, González JJG, Perdomo CM, Miguélez LM, Centeno RG, Percovich JC, Román AR, Gimeno PG, Lázaro CR, Morales-Ruiz M, Hanzu FA, Araujo-Castro M. Effect of Obesity on Clinical Characteristics of Primary Aldosteronism Patients at Diagnosis and Postsurgical Response. JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM. 2024. e379-e388. DOI: 10.1210/clinem/dgad400. IF: 5 Q1 D3	GC17
Calañas-Continente A, Gutiérrez-Botella J, García-Currás J, Cobos MJ, Vaquero JM, Herrera A, Molina MJ, Gálvez MA. Global Leadership Initiative on Malnutrition-Diagnosed Malnutrition in Lung Transplant Candidates. NUTRIENTS. 2024. -. DOI: 10.3390/nu16030376. IF: 4,8 Q1 D2	GC17
Lamas C, Araujo-Castro M, Ostermair L, Petersenn E, Ramírez PP, Rebollo-Román A, Stuefchen I, Bruedgam D, Ruiz-Sanchez JG, Michalopoulou T, Perdomo CM, Hanzu FA, Adolf C, Reincke M. Impact of Cortisol-Cosecretion on Adrenal Venous Sampling Results in Primary Aldosteronism: Study of 225 Cases. BIOMEDICINES. 2024. -. DOI: 10.3390/biomedicines12112430. IF: 3,9 Q2 D4	GC17
Araujo-Castro M, Fano MP, González-Boillos M, Pascual-Corrales E, Rojas-Marcos PM, García-Cano A, Ruiz-Sanchez JG, Vicente A, Gómez-Hoyos E, Casterás A, Puig-Pérez A, Sanz IG, Recasens M, San Millan RB, César MJ, Guardiola PD, Perdomo CM, Manjón-Miguélez L, Román AR, Lázaro CR, Recio JM, Morales-Ruiz M, Calatayud M, López NJ, Meneses D, Nuñez MS, Ribas EM, Sánchez AS, Diaz CG, Lamas C, Tous MD, Serrano J, Michalopoulou T, Rodrigo ST, Chamorro RR, Aguila FJ, Mateo EMM, Gutiérrez-Medina S, Hanzu FA, Ramírez PP. Impact of primary aldosteronism on kidney function: results from the SPAIN-ALDO registry. JOURNAL OF HYPERTENSION. 2024. 1805-1812. DOI: 10.1097/HJH.0000000000003813. IF: 3,3 Q1 D3	GC17
Herrera-Martínez AD, Prior-Sánchez I, Fernández-Soto ML, García-Olivares M, Novo-Rodríguez C, González-Pacheco M, Martínez-Ramírez MJ, Carmona-Llanos A, Jiménez-Sánchez A, Muñoz-Jiménez C, Torres-Flores F, Fernández-Jiménez R, Boughanem H, del Galindo-Gallardo MC, Luengo-Pérez LM, Molina-Puerta MJ, García-Almeida JM. Improving the nutritional evaluation in head neck cancer patients using bioelectrical impedance analysis: Not only the phase angle matters. JOURNAL OF CACHEXIA SARCOPENIA AND MUSCLE. 2024. 2426-2436. DOI: 10.1002/jcsm.13577. IF: 9,4 Q1 D1	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, Kishore-Doulattram V, Duenas-Disotuar S, Martín T, Peinado M, Sastre J. Incident comorbidities in patients with chronic hypoparathyroidism after thyroidectomy: a multicenter nationwide study. FRONTIERS IN ENDOCRINOLOGY. 2024. -. DOI: 10.3389/fendo.2024.1348971. IF: 3,9 Q1 D4	GC17
Araujo-Castro M, Fano MP, González-Boillos M, Pascual-Corrales E, Ramírez PP, Rojas-Marcos PM, García-Cano A, Ruiz-Sanchez JG, Vicente A, Gómez-Hoyos E, Casterás A, Puig-Perez A, Sanz IG, Recasens M, San Millan RB, César MJP, Guardiola PD, Perdomo C, Manjón-Miguélez L, Román AR, Lázaro CR, Recio JM, Morales-Ruiz M, Calatayud M, López NJ, Meneses D, Nuñez MS, Ribas EM, Sánchez AS, Diaz CG, Lamas C, Tous MD, Serrano J, Michalopoulou T, Rodrigo ST, Chamorro RR, Aguila FJ, Mateo EMM, Gutiérrez-Medina S, Hanzu FA. Influence of smoking on cardiometabolic profile and surgical outcomes in patients with primary aldosteronism: a cohort study. EUROPEAN JOURNAL OF ENDOCRINOLOGY. 2024. 579-587. DOI: 10.1093/ajendo/lvae143. IF: 5,3 Q1 D2	GC17

PUBLICATIONS	IMIBIC GROUP
Camacho-Cardenosa A, Camacho-Cardenosa M, Burtscher J, Olivares PR, Olcina G, Brazo-Sayavera J. Intermittent Hypoxic Training Increases and Prolongs Exercise Benefits in Adult Untrained Women. HIGH ALTITUDE MEDICINE & BIOLOGY. 2024. 274-284. DOI: 10.1089/ham.2023.0127. IF: 1,6 Q3 D	GC17
Ramirez PP, Rojas-Marcos PM, Fano MP, Boillos MG, Peris BP, Pascual-Corrales E, Cano AMG, Ruiz-Sanchez JG, Delgado AV, Hoyos EG, Ferreira R, Sanz IG, Sala MR, San Millan RB, Cesar MJP, Guardiola PD, Perdomo CM, Manjon-Miguel L, Centeno RG, Percovich JC, Roman AR, Gimeno PG, Lazaro CR, Morales-Ruiz M, Calatayud M, Collao SAF, Meneses D, Nunez MAS, Quesada VE, Ribas EM, Sanchez AS, Diaz CG, Lamas C, Guerrero-Vazquez R, Tous MD, Gotarredona JS, Alevras TM, Mateo EMM, Hanzu FA, Araujo-Castro M. Is adrenal venous sampling always necessary to differentiate between unilateral and bilateral primary aldosteronism? Lesson from the SPAIN-ALDO register. ENDOCRINE. 2024. 683-693. DOI: 10.1007/s12020-023-03609-y. IF: 3 Q2 D5	GC17
Burtscher J, Citherlet T, Camacho-Cardenosa A, Camacho-Cardenosa M, Raberin A, Krumm B, Hohenauer E, Egg M, Lichtblau M, Müller J, Rybnikova EA, Gatterer H, Debevec T, Baillieux S, Manferdelli G, Behrendt T, Schega L, Ehrenreich H, Millet GP, Gassmann M, Schwarzer C, Glazachev O, Girard O, Lalande S, Hamlin M, Samaja M, Hüfner K, Burtscher M, Panza G, Mallet RT. Mechanisms underlying the health benefits of intermittent hypoxia conditioning. JOURNAL OF PHYSIOLOGY-LONDON. 2024. 5757-5783. DOI: 10.1113/JP285230. IF: 4,7 Q1 D2	GC17
Rebollo-Román A, Tabernero-Urbieta MC, Villaécija J, Luque-Salas B. Mediterranean diet adherence and glycemic control in children and adolescents with type 1 diabetes. EUROPEAN JOURNAL OF PEDIATRICS. 2024. 453-460. DOI: 10.1007/s00431-023-05325-1. IF: 3 Q1 D2	GC17
Herrera-Martínez AD, Jiménez CM, Aguilera JL, Crespin MC, García GM, Moreno MAG, Continente AC, Puerta MJM. Mediterranean Diet, Vitamin D, and Hypercaloric, Hyperproteic Oral Supplements for Treating Sarcopenia in Patients with Heart Failure-A Randomized Clinical Trial. NUTRIENTS. 2024. -. DOI: 10.3390/nu16010110. IF: 4,8 Q1 D2	GC17
Herrera-Martínez AD, Jiménez CM, Romo AN, Aguilera JL, Crespin MC, Baena BT, Casado-Díaz A, Moreno MAG, Puerta MJM, Roger AJ. Nutritional Support Reduces Circulating Cytokines in Patients with Heart Failure. NUTRIENTS. 2024. -. DOI: 10.3390/nu16111637. IF: 4,8 Q1 D2	GC17
Miñambres I, Rubio-Herrera MA, Nicolau J, Milad C, Morales MJ, Bueno M, Calañas A, Carceller-Sindreu M, de Hollanda A. Outcomes of Bariatric Surgery in Patients with Schizophrenia. NUTRIENTS. 2024. -. DOI: 10.3390/nu16152487. IF: 4,8 Q1 D2	GC17
Enríquez AJ, Rabat-Restrepo JM, Vilchez-López FJ, Tenorio-Jiménez C, García-Almeida JM, Rocamora JAI, Pereira-Cunill JL, Ramírez MJM, Molina-Puerta MJ, Soria JBM, Rebollo-Pérez MI, Oliveira G, García-Luna PP. Practical Guidelines by the Andalusian Group for Nutrition Reflection and Investigation (GARIN) on Nutritional Management of Patients with Chronic Obstructive Pulmonary Disease: A Review. NUTRIENTS. 2024. -. DOI: 10.3390/nu16183105. IF: 4,8 Q1 D2	GC17
Vílchez-López FJ, González-Pacheco M, Fernández-Jiménez R, Zarco-Martín MT, Gonzalo-Marín M, Cobo-Molinos J, Carmona-Llanos A, Muñoz-Garach A, García-Luna PP, Herrera-Martínez AD, Zarco-Rodríguez FP, Galindo-Gallardo MD, Miguel-Luengo L, Fernández-Soto ML, García-Almeida JM. Predictive Factors of the Degrees of Malnutrition According to GLIM Criteria in Head and Neck Cancer Patients: Valor Group. CANCERS. 2024. -. DOI: 10.3390/cancers16244255. IF: 4,5 Q1 D3	GC17
Díez JJ, Anda E, Pérez-Corral B, Paja M, Alcazar 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, Doulattram-Gamgaram VK, Dueñas-Disotuar S, Martín T, Peinado M, Sastre J. Prevalence of chronic postsurgical hypoparathyroidism not adequately controlled: an analysis of a nationwide cohort of 337 patients. FRONTIERS IN ENDOCRINOLOGY. 2024. -. DOI: 10.3389/fendo.2024.1464515. IF: 3,9 Q2 D3	GC17
Prior-Sánchez I, Herrera-Martínez AD, Zarco-Martín MT, Fernández-Jiménez R, Gonzalo-Marín M, Muñoz-Garach A, Vilchez-López FJ, Cayón-Blanco M, Villarrubia-Pozo A, Muñoz-Jiménez C, Zarco-Rodríguez FP, Rabat-Restrepo JM, Luengo-Pérez LM, Boughanem H, Martínez-Ramírez MJ, García-Almeida JM. Prognostic value of bioelectrical impedance analysis in head and neck cancer patients undergoing radiotherapy: a VALOR® study. FRONTIERS IN NUTRITION. 2024. -. DOI: 10.3389/fnut.2024.1335052. IF: 4 Q2 D3	GC17

PUBLICATIONS	IMIBIC GROUP
Ramirez PP, Rojas-Marcos PM, Fano MP, Gonzalez-Boillos M, Pascual-Corrales E, Cano AMG, Ruiz-Sanchez JG, Delgado AV, Hoyos EG, Ferreira R, Sanz IG, Sala MR, San Millan RB, Cesar MJP, Guardiola PD, Perdomo CM, Manjon-Migueluez L, Roman AR, Lazaro CR, Morales-Ruiz M, Calatayud M, Collao SAF, Meneses D, Sampedro-Nunez MA, Ribas EM, Sanchez AS, Diaz CG, Lamas C, Guerrero-Vazquez R, Tous MD, Gotarredona JS, Alevras TM, Rodrigo ST, Chamorro RR, Aguila FJ, Mateo EMM, Hanzu FA, Araujo-Castro M. Renin as a Biomarker to Guide Medical Treatment in Primary Aldosteronism Patients. Findings from the SPAIN-ALDO Registry. HIGH BLOOD PRESSURE & CARDIOVASCULAR PREVENTION. 2024. 43-53. DOI: 10.1007/s40292-023-00618-w. IF: 3,1 Q2 D3	GC17
Martínez-Martos JM, Cantón-Habas V, Rich-Ruiz M, Reyes-Medina MJ, Ramírez-Expósito MJ, Carrera-González MD. Sexual and Metabolic Differences in Hippocampal Evolution: Alzheimer's Disease Implications. LIFE-BASEL. 2024. -. DOI: 10.3390/life14121547. IF: 3,2 Q1 D3	GC17
Herrera-Martínez AD, Romo AN, León-Idougourram S, Muñoz-Jiménez C, Rodríguez-Alonso R, García GM, Camacho-Cardenosa M, Casado-Díaz A, Gálvez-Moreno MA, Puertas MJM, Roger AJ. Systemic Inflammation in Oncologic Patients Undergoing Systemic Treatment and Receiving Whey Protein-Based Nutritional Support. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25115821. IF: 4,9 Q1 D3	GC17
Roman DD, Almeida JMG, Guerrero DB, Rolo GG, Martín A, Martín DP, García-Delgado Y, Guirado-Peláez P, Palmas F, Pérez CT, Olivares MG, Jiménez MM, Lesmes IB, Teomiro CMA, Baena JMG, Romero LAC, Prior-Sánchez I, García-Luna PP, Pacheco MG, Martínez-Olmos MA, Alabadí B, Alcántara-Aragon V, Milla SP, Folgueras TM, García AM, Molina-Baena B, Barragán HR, Gómez PRD, Fernández MR, Portilla AJ, López-Gómez JJ, Martín NP, Madrid NM, Eguinoa AZ, Fernández CP, Guerrero MJT, Aguado MR, Gimeno CV, Martínez ADH, Rodríguez MN, Hernández NCI, Medina MD, Navarro IG, López FJV, Fernández-Pombo A, Oliveira G. Ultrasound Cut-Off Values for Rectus Femoris for Detecting Sarcopenia in Patients with Nutritional Risk. NUTRIENTS. 2024. -. DOI: 10.3390/nu16111552. IF: 4,8 Q1 D2	GC17
Fernández-Jiménez R, García-Rey S, Roque-Cuéllar MC, Fernández-Soto ML, García-Olivares M, Novo-Rodríguez M, González-Pacheco M, Prior-Sánchez I, Carmona-Llanos A, Muñoz-Jiménez C, Zarco-Rodríguez FP, Miguel-Luengo L, Boughanem H, García-Luna PP, García-Almeida JM. Ultrasound Muscle Evaluation for Predicting the Prognosis of Patients with Head and Neck Cancer: A Large-Scale and Multicenter Prospective Study. NUTRIENTS. 2024. -. DOI: 10.3390/nu16030387. IF: 4,8 Q1 D2	GC17
Calleja R, Medina-Fernández FJ, Bergillos-Giménez M, Durán M, Torres-Tordera E, Díaz-López C, Briceño J. A comprehensive evaluation of 80 consecutive robotic low anterior resections: impact of not mobilizing the splenic flexure alongside low-tie vascular ligation as a standardized technique. JOURNAL OF ROBOTIC SURGERY. 2024. -. DOI: 10.1007/s11701-024-01917-7. IF: 2,2 Q2 D4	GC18
Rodríguez A, Martín-Loeches I, Moreno G, Díaz E, Ferré C, Salgado M, Marín-Corral J, Estella A, Solé-Violán J, Trefler S, Zaragoza R, Socías L, Borges-Sa M, Restrepo M, Guardiola JJ, Reyes LF, Albaya-Moreno A, Berlanga AC, Ortiz MD, Ballesteros JC, Chinesta SS, Laderas JCP, Gómez J, Bodí M. Association of obesity on the outcome of critically ill patients affected by COVID-19. MEDICINA INTENSIVA. 2024. 142-154. DOI: 10.1016/j.medine.2023.08.003. IF: 2,7 Q2 D5	GC18

PUBLICATIONS	IMIBIC GROUP
Ceccato A, Forne C, Bos LD, Camprubi-Rimblas M, Areny-Balaguero A, Campana-Duel E, Quero S, Diaz E, Roca O, De Gonzalo-Calvo D, Fernandez-Barat L, Motos A, Ferrer R, Riera J, Lorente JA, Penuelas O, Menendez R, Amaya-Villar R, Anon JM, Balan-Marino A, Barbera C, Barberan J, Blandino-Ortiz A, Boado MV, Bustamante-Munguira E, Caballero J, Carbajales C, Carbonell N, Catalan-Gonzalez M, Franco N, Galban C, Gumucio-Sanguino VD, de la Torre MD, Estella A, Gallego E, Garcia-Garmendia JL, Garnacho-Montero J, Gomez JM, Huerta A, Jorge-Garcia RN, Loza-Vazquez A, Marin-Corral J, de la Gandara AM, Martin-Delgado MC, Martinez-Varela I, Messa JL, Muniz-Albaiceta G, Nieto MT, Novo MA, Penasco Y, Pozo-Laderas JC, Perez-Garcia F, Ricart P, Roche-Campo F, Rodriguez A, Sagredo V, Sanchez-Miralles A, Sancho-Chinesta S, Socias L, Sole-Violan J, Suarez-Sipmann F, Tamayo-Lomas L, Trenado J, Ubeda A, Valdivia LJ, Vidal P, Bermejo J, Gonzalez J, Barbe F, Calfee CS, Artigas A, Torres A, Adell-Serrano B, Cabello MA, Aguilera L, Alcaraz-Serrano V, Aldecoa C, Alegre C, Almansa R, Alvarez S, Ruiz AA, Villar RA, Andrea R, Novo MA, Angel J, Anon JM, Arrieta M, Ayestaran J, Badia JR, Badia M, Pravia OB, Marino AB, Balsera B, Barbera C, Barberan J, Barbena L, Barbeta E, Bardi T, Segade PB, Barroso M, Garcia JAB, Bermejo-Martin JF, Betere B, Bigas J, Ortiz AB, Blancas R, Cortes MLB, Boado M, Saera MB, Bofill N, Vieiro MTB, Bueno L, Bustamante-Munguira E, Bustamante-Munguira J, Martinez CD, Caballero J, Hermoso DC, Fernandez SC, Carbajales C, Cano I, Canton-Bulnes ML, Carbonell N, Fernandez PC, Garcia LC, Carvalho S, Casacuberta-Barbera N, Castella M, Castellvi A, Castro P, Catalan-Gonzalez M, Avila RC, Cilloniz C, Clar L, Climent C, Codina J, Conde P, Contreras S, Martin MC, Sanchez RD, De Mendoza D, Diaz E, Diaz Y, Vilas MDR, Moreno CD, Dot I, Giraudo PE, Arijon IE, Estella A, Monjo TF, Fernandez J, Ferrando C, Figueras A, Forcadell-Ferreres E, Espina LF, Franco N, Franquesa E, Furro A, Gabarrus A, Galban C, Gallego E, Garcia F, Garcia B, Garmendia JLG, Garcia-Gasulla D, Prieto EG, Redruello CG, Sagastume AG, Garnacho-Montero J, Castillo MLG, Goma G, Gomez JM, Casal VG, Gomez S, Gonzalez CG, de Gonzalo-Calvo D, Gonzalez J, Gordo F, Gracia MP, Gumucio-Sanguino VD, Herraiz A, Herran-Monge R, Huerta A, Ibarz M, Iglesias S, Janer MT, Jimenez G, Garcia RNJ, Diaz MJ, Kiarostami K, Alvarez JI, Leon M, Lopez-Gavin A, Lago AL, Messa JL, Lopez-Ramos E, Loza-Vazquez A, Guerrero DM, Herrera NM, Mendiluce RM, Mantellini CL, Naya GM, Marcos P, Marin-Corral J, Peis EM, Vicente PM, Martinez M, Fernandez CEM, de la Gandara AM, Juan MDM, Palacios BM, Varela IM, Jimenez JFM, Masclans JR, Maseda E, Fernandez EMM, Miralbes M, Monclou J, Montejo-Gonzalez JC, Montserrat N, Aznar MM, Morales D, Cano SGM, Rodriguez DM, Munoz-Bermudez R, Albaiceta GM, Nicolas JM, Nieto MT, Bou RN, Salinas RN, Ocon M, Ortega A, Ossa S, Pagliarani P, Parrilla F, Pedregosa-Diaz J, Penasco Y, Penuelas O, Bastida LP, Perez P, Perez-Garcia F, Planelles GP, Rubio EP, Laguna DP, Pinol-Tena A, Prados J, Pujol A, Pozo JC, Coll NR, Sanchez-Giron GR, Riera J, Ricart P, Roche-Campo F, Rodriguez A, Rodriguez L, de Castro FR, Rodriguez S, Ruiz CR, Rubio J, Lopez AR, Ruiz-Garcia AL, Miralles MR, Murua PR, Paz ES, Sagredo V, Degracia AS, Salvador-Adell I, Sanchez M, Sanchez A, Sanchez-Miralles A, Chinesta SS, Santacoloma B, Sanchez M, Sarinena MT, Pensado MS, Serra L, Serra-Fortuny M, Lazaro AS, Servia L, Socias L, Soliva L, Sole-Violan J, Sipmann FS, Speziale C, Lomas LT, Tormos A, de la Torre MD, Torres G, Torres M, Trefler S, Trenado J, Trujillano J, Ubeda A, Urrelo-Cerron L, Val E, Valledor M, Ruiz LV, Vallverdu M, Martin-montalvo MV, Adrio SV, Vazquez N, Vengoechea J, Vidal P, Vila-Vilardel C, Vilanova J, Warrington TV, Yang H, Yang ML, Zapatero A. Clustering COVID-19 ARDS patients through the first days of ICU admission. An analysis of the CIBERESUCICOID Cohort. CRITICAL CARE. 2024. -. DOI: 10.1186/s13054-024-04876-5. IF: 8,8 Q1 D1	GC18
Zamora-Olaya JM, Tejero-Jurado R, Alañón-Martínez PE, Prieto-Torre M, Rodríguez-Medina C, Montero JL, Sánchez-Frías M, Briceño J, Ciria R, Barrera P, Poyato A, de la Mata M, Rodríguez-Perálvarez ML. Donor Atheromatous Disease is a Risk Factor for Hepatic Artery Thrombosis After Liver Transplantation. CLINICAL TRANSPLANTATION. 2024. -. DOI: 10.1111/ctr.15405. IF: 1,9 Q2 D5	GC18

PUBLICATIONS	IMIBIC GROUP
Perrone G, Giuffrida M, Abu-Zidan F, Kruger VF, Livrini M, Petracca GL, Rossi G, Tarasconi A, Tian BWCA, Bonati E, Mentz R, Mazzini FN, Campana JP, Gasser E, Kafka-Ritsch R, Felsenreich DM, Dawoud C, Riss S, Gomes CA, Gomes FC, Gonzaga RAT, Canton CAB, Pereira BM, Fraga GP, Zem LG, Cordeiro-Fonseca V, Tauil RD, Atanasov B, Belev N, Kovachev N, Meléndez LJJ, Dimova A, Dimov S, Zelic Z, Augustin G, Bogdanic B, Moric T, Chouillard E, Bajul M, De Simone B, Panis Y, Esposito F, Notarnicola M, Lauka L, Fabbri A, Hentati H, Fnaiech I, Aurélien V, Bougard M, Roulet M, Demetrashvili Z, Pipia I, Merabishvili G, Bouliaris K, Koukoulis G, Doudakmanis C, Xenaki S, Chrysos E, Kokkinakis S, Vassiliu P, Michalopoulos N, Margaris I, Kechagias A, Avgerinos K, Katunin J, Lostoridis E, Nagorni EA, Pujante A, Mulita F, Maroulis I, Vailas M, Marinis A, Siannis I, Bourbouteli E, Manatakis DK, Tasis N, Acheimastos V, Maria S, Stylianos K, Kuzeridis H, Korkolis D, Fradelos E, Kavalieratos G, Petropoulou T, Polydoru A, Papacostantinou I, Triantafyllou T, Kimpizi D, Theodorou D, Toutouzias K, Chamzin A, Frountzas M, Schizas D, Karavokyros I, Syllaios A, Charalabopoulos A, Boura M, Baili E, Ioannidis O, Loutzidou L, Anestiadou E, Tsouknidas I, Petrakis G, Polenta E, Bains L, Gupta R, Singh SK, Khanduri A, Bala M, Kedar A, Pisano M, Podda M, Pisanu A, Martinez G, Trigiante G, Lantone G, Agrusa A, Di Buono G, Buscemi S, Veroux M, Gioco R, Veroux G, Oragano L, Zonta S, Lovisetto F, Feo CV, Pesce A, Fabbri N, Lantone G, Marino F, Perrone F, Vincenti L, Papagni V, Picciariello A, Rossi S, Picardi B, Del Monte SR, Visconti D, Osella G, Petruzzelli L, Pignata G, Andreuccetti J, D’Alessio R, Buonfantino M, Guaitoli E, Spinelli S, Sampietro GM, Corbellini C, Lorusso L, Frontali A, Pezzoli I, Bonomi A, Chierici A, Cotsoglou C, Manca G, Delvecchio A, Musa N, Casati M, Letizia L, Abate E, Ercolani G, D’Acapito F, Solaini L, Guercioni G, Cicconi S, Sasia D, Borghi F, Giraudo G, Sena G, Castaldo P, Cardamone E, Portale G, Zuin M, Spolverato Y, Esposito M, Isernia RM, Di Salvo M, Manunza R, Esposito G, Agus M, Asti ELG, Bernardi DT, Tonucci TP, Luppi D, Casadei M, Bonilauri S, Pezzolla A, Panebianco A, Laforgia R, De Luca M, Zese M, Parini D, Jovine E, De Sario G, Lombardi R, Aprea G, Palomba G, Capuano M, Argenio G, Orio G, Armellino MF, Troian M, Guerra M, Nagliati C, Biloslavo A, Germani P, Aizza G, Monsellato I, Chahrour AC, Anania G, Bombardini C, Bagolini F, Sganga G, Fransvea P, Bianchi V, Boati P, Ferrara F, Palmieri F, Ciani P, Gattulli D, Restini E, Cillara N, Cannavera A, Nita GE, Sarnari J, Roscio F, Clerici F, Scandroglio I, Berti S, Cadeo A, Filippelli A, Conti L, Grassi C, Cattaneo GM, Pighin M, Papis D, Gambino G, Bertino V, Schifano D, Prando D, Fogato L, Cavallo F, Ansaloni L, Picheo R, Pontarolo N, Depalma N, Spampinato M, D’Ugo S, Lepre L, Capponi MG, Campa RD, Sarro G, Dinuzzi VP, Olmi S, Uccelli M, Ferrari D, Inama M, Moretto G, Fontana M, Favi F, Picariello E, Rampini A, Barberis A, Azzinnaro A, Oliva A, Totaro L, Benzoni I, Ranieri V, Capolupo GT, Carannante F, Caricato M, Ronconi M, Casiraghi S, Casole G, Pantalone D, Alemanno G, Scheiterle M, Ceresoli M, Cereda M, Fumagalli C, Zanzi F, Bolzon S, Guerra E, Lecchi F, Cellerino P, Ardito A, Scaramuzzo R, Balla A, Lepiane P, Tartaglia N, Ambrosi A, Pavone G, Palini GM, Veneroni S, Garulli G, Ricci C, Torre B, Russo IS, Rottoli M, Tanzanu M, Belvedere A, Milone M, Manigrasso M, De Palma GD, Piccoli M, Pattacini GC, Magnone S, Bertoli P, Pisano M, Massucco P, Palisi M, Luzzi AP, Fleres F, Clarizia G, Spolini A, Kobe Y, Toma T, Shimamura F, Parker R, Ranketi S, Mitei M, Svagzdys S, Pauzas H, Zilinskas J, Poskus T, Kryzauskas M, Jakubauskas M, Zakaria AD, Zakaria Z, Wong MPK, Jusoh AC, Zakaria MN, Cruz DR, Elizalde ABR, Reynaud AB, Hernandez EEL, Monroy JMVP, Hinojosa-Ugarte D, Quiodettis M, Du Bois ME, Latorraca J, Major P, Pedziwiatr M, Pisarska-Adamczyk M, Waledziak M, Kwiatkowski A, Czyzykowski L, da Costa SD, Pereira B, Ferreira ARO, Almeida F, Rocha R, Carneiro C, Perez DP, Carvas J, Rocha C, Ferreira C, Marques R, Fernandes U, Leao P, Goulart A, Pereira RG, Patrocinio SDD, de Mendonça NGG, Manso MIC, Morais HMC, Cardoso PS, Calu V, Miron A, Toma EA, Gachabayov M, Abdullaev A, Litvin A, Nechay T, Tyagunov A, Yuldashev A, Bradley A, Wilson M, Panyko A, Látecková Z, Lacko V, Lesko D, Soltes M, Radonak J, Turrado-Rodriguez V, Termes-Serra R, Morales-Sevillano X, Lapolla P, Mingoli A, Brachini G, Degiuli M, Sofia S, Reddavid R, Garberini AD, Buffone A, del Pozo EP, Aparicio-Sánchez D, Dos Barbeito S, Estaire-Gómez M, Vitón-Herrero R, Olarte-Marquez MDG, Gil-Martínez J, Alconchel F, Nicolás-López T, Rahy-Martin AC, Pelloni M, Bañolas-Suarez R, Mendoza-Moreno F, Nisa FGM, Díez-Alonso M, Rodas MEV, Agundez MC, Andrés MIP, Moreira CCL, Perez AL, Ponce IA, González-Castillo AM, Membrilla-Fernández E, Salvans S, Serradilla-Martín M, Pardo PS, Rivera-Alonso D, Dziakova J, Huguet JM, Valle NP, Ruiz EC, Valcarcel CR, Moreno CR, Salazar YTM,	GC18

PUBLICATIONS	IMIBIC GROUP
Garcia JJR, Mico SS, López JR, Farré SP, Gomez MS, Petit NM, Titos-García A, Aranda-Narváez JM, Romacho-López L, Sánchez-Guillén L, Aranaz-Ostariz V, Bosch-Ramírez M, Martínez-Pérez A, Martínez-López E, Sebastián-Tomás JC, Jimenez-Riera G, Jimenez-Vega J, Cuellar JAN, Campos-Serra A, Muñoz-Campaña A, Gràcia-Roman R, Alegre JM, Pinto FL, O’Sullivan SN, Antona FB, Jiménez BM, López-Sánchez J, Carmona ZG, Fernández RT, Sierra IB, de León LRG, Moreno VP, Iglesias E, Cumplido PL, Bravo AA, Simó IR, Domínguez CL, Caamaño AG, Lozano RC, Martínez MD, Torres AN, de Quiros JTMB, Pellino G, Cloquell MM, Moller EG, Jalal-Eldin S, Abdoun AK, Hamid HKS, Lohsiriwat V, Mongkhonsupphawan A, Baraket O, Ayed K, Abbassi I, Ben Ali A, Ammar H, Kchaou A, Tlili A, Zribi I, Colak E, Polat S, Koylu ZA, Guner A, Usta MA, Reis ME, Mantoglu B, Gonullu E, Akin E, Altintoprak F, Bayhan Z, Firat N, Isik A, Memis U, Bayrak M, Altintas Y, Kara Y, Bozkurt MA, Kocatas A, Das K, Seker A, Ozer N, Atici SD, Tuncer K, Kaya T, Ozkan Z, Ilhan O, Agackiran I, Uzunoglu MY, Demirbas E, Altinel Y, Meric S, Hacim NA, Uymaz DS, Omarov N, Balik E, Tebala GD, Khalil H, Rana M, Khan M, Florence C, Swaminathan C, Leo CA, Liasis L, Wafah J, Trostchansky I, Delgado E, Pontillo M, Latifi R, Coimbra R, Edwards S, Lopez A, Velmahos G, Dorken A, Gebran A, Palmer A, Oury J, Bardes JM, Seng SS, Coffua LS, Ratnasekera A, Egodage T, Echeverria-Rosario K, Armento I, Napolitano LM, Sangji NF, Hemmila M, Quick JA, Austin TR, Hyman TS, Curtiss W, McClure A, Cairl N, Biffl WL, Truong HP, Schaffer K, Reames S, Banchini F, Capelli P, Cocolini F, Sartelli M, Bravi F, Vallicelli C, Agnoletti V, Baiocchi GL, Catena F. Goodbye Hartmann trial: a prospective, international, multicenter, observational study on the current use of a surgical procedure developed a century ago. WORLD JOURNAL OF EMERGENCY SURGERY. 2024. -. DOI: 10.1186/s13017-024-00543-w. IF: 6 Q1 D1	GC18
Manuel DM, Gonzalo GD, Lidia RO, Manuel SHJ, Antonio GS, Angela CA, Sebastián RP, Francisca VM, Blanca RA, Carmen VBM, Antonio RR, Javier BD, Alvaro AS. Laparoscopic versus open approach for interval cytoreductive surgery and hyperthermic intraperitoneal chemotherapy (HIPEC) in advanced epithelial ovarian cancer: a matched comparative study. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES. 2024. 66-74. DOI: 10.1007/s00464-023-10508-w. IF: 2,4 Q2 D3	GC18
Delvecchio A, Conticchio M, Casella A, Ratti F, Gelli M, Anelli FM, Laurent A, Vitali GC, Magistri P, Felli E, Wakabayashi T, Pessaux P, Piardi T, Di Benedetto F, de’Angelis N, Briceño-Delgado J, Rampoldi A, Adam R, Cherqui D, Aldrighetti L, Memeo R. Open, laparoscopic liver resection and percutaneous thermal ablation in elderly patients with hepatocellular carcinoma: outcomes and therapeutic strategy. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES. 2024. 6700-6710. DOI: . IF: 2,4 Q2 D3	GC18
Calleja R, Aguilera E, Durán M, de Villar JMP, Padial A, Luque-Molina A, Ayllón MD, López-Cillero P, Ciria R, Briceño J. Predicting waitlist dropout in hepatocellular carcinoma: a narrative review. TRANSLATIONAL GASTROENTEROLOGY AND HEPATOLOGY. 2024. -. DOI: 10.21037/tgh-24-24. IF: 3,8 Q2 D3	GC18
Rufián-Andújar B, Medina-Fernández FJ, Bergillos-Jiménez M, Díaz-López CA, Briceño-Delgado FJ. Robotic and transvaginal excision of rectal leiomyoma - a video vignette. COLORECTAL DISEASE. 2024. 397-398. DOI: 10.1111/codi.16832. IF: 2,9 Q2 D5	GC18
Berral-Soler R, Muñoz-Salinas R, Medina-Carnicer R, Marín-Jiménez MJ. DeepArUco plus plus : Improved detection of square fiducial markers in challenging lighting conditions. IMAGE AND VISION COMPUTING. 2024. -. DOI: 10.1016/j.imavis.2024.105313. IF: 4,2 Q1 D2	GC19
García-Ruiz P, Romero-Ramírez FJ, Munoz-Salinas R, Marín-Jiménez MJ, Medina-Carnicer R. Large-Scale Indoor Camera Positioning Using Fiducial Markers. SENSORS. 2024. -. DOI: 10.3390/s24134303. IF: 3,4 Q2 D4	GC19
Carmona-Poyato A, Fernández-Garcia NL, Madrid-Cuevas FJ, Muñoz-Salinas R, Romero-Ramírez FJ. Optimal online time-series segmentation. KNOWLEDGE AND INFORMATION SYSTEMS. 2024. 2417-2438. DOI: 10.1007/s10115-023-02029-8. IF: 2,5 Q2 D5	GC19
Jiménez-Velasco I, Zafra-Palma J, Muñoz-Salinas R, Marin-Jiménez MJ. Proxemics-net plus plus : classification of human interactions in still images. PATTERN ANALYSIS AND APPLICATIONS. 2024. -. DOI: 10.1007/s10044-024-01270-3. IF: 3,7 Q2 D4	GC19
Romero-Ramírez FJ, Muñoz-Salinas R, Marín-Jiménez MJ, Carmona-Poyato A, Medina-Carnicer R. ReSLAM: Reusable SLAM with heterogeneous cameras. NEUROCOMPUTING. 2024. -. DOI: 10.1016/j.neucom.2023.126940. IF: 5,5 Q1 D3	GC19

PUBLICATIONS	IMIBIC GROUP
Velasco J, Salido-Santos E, Sanmartín FJ. Beyond the Uniform: Impact of Indirect Trauma on Spanish Police Officers. JOURNAL OF POLICE AND CRIMINAL PSYCHOLOGY. 2024. 280-288. DOI: 10.1007/s11896-023-09630-1. IF: 1,7 Q2 D4	GC20
Velasco J, Miranda-Tena A, Sanmartín FJ. Bisexual Discrimination, Internalized Binegativity and their Impact on Mental Health. SEXUALITY RESEARCH AND SOCIAL POLICY. 2024. 1100-1111. DOI: 10.1007/s13178-024-00990-9. IF: 2,5 Q1 D2	GC20
Jurado-González F, García-Torres F, Contreras A, Muñoz-Navarro R, González-Blanch C, Medrano LA, Ruiz-Rodríguez P, Moreno EM, Pérez-Dueñas C, Cano-Vindel A, Moriana JA. Comparing psychological versus pharmacological treatment in emotional disorders: A network analysis. PLOS ONE. 2024. -. DOI: 10.1371/journal.pone.0301675. IF: 2,9 Q1 D3	GC20
Maldonado MA, Lorca-Marín JA, Velo-Ramírez MS, Alós FJ. Differential effect of training impure tacts versus pure tacts plus intraverbal on the emergence of new verbal operants: A conceptual and methodological study. LEARNING & BEHAVIOR. 2024. 339-351. DOI: 10.3758/s13420-024-00636-1. IF: 1,9 Q3 D	GC20
Sanmartín FJ, Velasco J, Gálvez-Lara M, Cuadrado F, Moriana JA. Do problematic gamblers and loot boxers share similar fallacies of thought? A comparative analysis of cognitive biases. FRONTIERS IN PSYCHOLOGY. 2024. -. DOI: 10.3389/fpsyg.2024.1430926. IF: 2,6 Q2 D3	GC20
Barrio-Martínez S, Ruiz-Rodríguez P, Medrano LA, Priede A, Muñoz-Navarro R, Moriana JA, Carpallo-González M, -Vila MP, Cano-Vindel A, González-Blanch C. Effect of Reliable Recovery on Health Care Costs and Productivity Losses in Emotional Disorders. BEHAVIOR THERAPY. 2024. 585-594. DOI: . IF: 3,4 Q2 D2	GC20
Moreno EM, Montero A, Armada-Crespo JM. Effectiveness of social-emotional development programs applied in primary education: an umbrella systematic review. ANALES DE PSICOLOGIA. 2024. 62-62. DOI: . IF: 1,4 Q3 D	GC20
Moreno EM, Montero A, Armada-Crespo JM. Effectiveness of social-emotional development programs applied in primary education: an umbrella systematic review. ANALES DE PSICOLOGIA. 2024. 54-68. DOI: 10.6018/analesps.488251. IF: 1,4 Q3 D	GC20
Vacas J, Antolí A, Sánchez-Raya A, Pérez-Dueñas C, Cuadrado F. Eye-Tracking Methodology to Detect Differences in Attention to Faces Between Developmental Language Disorder and Autism. JOURNAL OF SPEECH LANGUAGE AND HEARING RESEARCH. 2024. 3148-3162. DOI: 10.1044/2024_JSLHR-24-00109. IF: 2,2 Q1 D2	GC20
García-Torres F, García-Carmona M, Moreno E, Jurado-González F, Aguilera-Martín A. Internet-delivered Acceptance and Commitment Therapy for Cancer Patients and Survivors: A Systematic Review. SAGE OPEN. 2024. -. DOI: 10.1177/21582440241297591. IF: 2 Q1 D3	GC20
Prieto-Vila M, González-Blanch C, Saunders R, Buckman JEJ, Muñoz-Navarro R, Collado GE, Barrio-Martínez S, Moriana JA, Ruiz-Rodríguez P, Carpallo-González M, Cano-Vindel A. Long-term depressive symptoms trajectories following CBT delivered in primary care compared to usual treatment. PSYCHOLOGICAL MEDICINE. 2024. 4918-4927. DOI: 10.1017/S0033291724002976. IF: 5,9 Q1 D1	GC20
Barrio-Martínez S, Rodriguez-Perez N, Priede A, Medrano LA, Muñoz-Navarro R, Moriana JA, Carpallo-González M, Prieto-Vila M, Ruiz-Rodríguez P, Cano-Vindel A, González-Blanch C. Patterns of cognitive-emotional change after cognitive-behavioural treatment in emotional disorders: A 12-month longitudinal cluster analysis. PLOS ONE. 2024. -. DOI: 10.1371/journal.pone.0301746. IF: 2,9 Q1 D3	GC20
La Gamma M, Bardavío C, Velasco J, Flores P, Rodríguez R, Moyano M. Psychological Abuse in Jurisprudence Associated with Cults and Manipulative Groups: A Transcultural Study on Five Convictions. JOURNAL OF AGGRESSION MALTREATMENT & TRAUMA. 2024. 1195-1211. DOI: 10.1080/10926771.2024.2394073. IF: 1,6 Q3 D	GC20
Baiamonte R, Gámez AM, León SP. Systematic review and meta-analysis of the extinguished response recovery effects in children. LEARNING AND MOTIVATION. 2024. -. DOI: 10.1016/j.lmot.2024.102036. IF: 1,7 Q3 D	GC20

PUBLICATIONS	IMIBIC GROUP
Castillo-Peinado LS, Calderón-Santiago M, Jurado-Gámez B, Priego-Capote F. Changes in human sweat metabolome conditioned by severity of obstructive sleep apnea and intermittent hypoxemia. JOURNAL OF SLEEP RESEARCH. 2024. -. DOI: 10.1111/jsr.14075. IF: 3,4 Q2 D3	GC21
Luque-Cordoba D, Calderon-Santiago M, Rangel-Zuniga OA, Camargo A, Lopez-Miranda J, Priego-Capote F. Comprehensive profiling of ceramides in human serum by liquid chromatography coupled to tandem mass spectrometry combining data independent/dependent acquisition modes. ANALYTICA CHIMICA ACTA. 2024. -. DOI: 10.1016/j.aca.2023.342115. IF: 5,7 Q1 D2	GC21
Tomé-Rodríguez S, Ledesma-Escobar CA, Miho H, Muñoz C, Priego-Capote F. Deciphering the influence of the cultivar on the phenolic content of virgin olive oil. JOURNAL OF FOOD COMPOSITION AND ANALYSIS. 2024. -. DOI: 10.1016/j.jfca.2024.106128. IF: 4 Q2 D3	GC21
Zavala-Ortiz DA, Infanzón-Rodríguez MI, Gomez-Rodriguez J, Palacios-Pérez DL, Ledesma-Escobar CA, Aguilar-Uscanga MG. Development of Catharanthus callus cell lines for indole-derived alkaloids production. SOUTH AFRICAN JOURNAL OF BOTANY. 2024. 554-561. DOI: 10.1016/j.sajb.2024.03.003. IF: 2,7 Q2 D4	GC21
Mora-Ortiz M, Yubero-Serrano EM, Priego-Capote F, Gutierrez-Mariscal FM, Alcala-Diaz JF, Torres-Peña JD, de-Larriva APA, Delgado-Lista J, Perez-Martinez P, Roche HM, López-Miranda J. Dietary Lipid Quantity and Quality Modulate the Postprandial Metabolomic Profile in Patients with Metabolic Syndrome. NUTRIENTS. 2024. -. DOI: 10.3390/nu16244267. IF: 4,8 Q1 D2	GC21
Criado-Navarro I, Ledesma-Escobar CA, Pérez-Juan P, Priego-Capote F. Distribution of Main Bioactive Compounds from Saffron Species as a Function of Infusion Temperature and Time in an Oil/Water System. MOLECULES. 2024. -. DOI: 10.3390/molecules29133080. IF: 4,2 Q2 D3	GC21
Criado-Navarro I, Barba-Palomeque F, Pérez-Juan P, Ledesma-Escobar CA, Priego-Capote F. Drying of Saffron Petals as a Critical Step for the Stabilization of This Floral Residue Prior to Extraction of Bioactive Compounds. FOODS. 2024. -. DOI: 10.3390/foods13233724. IF: 4,7 Q1 D3	GC21
Garrido PF, Castillo-Peinado LS, Priego-Capote F, Barrio I, Piñeiro A, Domínguez-Santalla MJ, Rodríguez-Ruiz E, Garcia-Fandino R. Lipidomics signature in post-COVID patient sera and its influence on the prolonged inflammatory response. JOURNAL OF INFECTION AND PUBLIC HEALTH. 2024. 588-600. DOI: 10.1016/j.jiph.2024.01.017. IF: 4,7 Q1 D1	GC21
Saez-Bastante J, Pinzi S, Priego-Capote F, Dorado MP. Multifrequency Ultrasound-Based Predictive Method for Biodiesel Production Optimal results biodiesel meets European standard requirements. JOHNSON MATTHEY TECHNOLOGY REVIEW. 2024. 427-438. DOI: 10.1595/205651324X17004922618615. IF: 1,7 Q4 D	GC21
Castillo-Luna A, Priego-Capote F. Phenolic enrichment of foods curated in olive oil: Kinetics and chemical evaluation. FOOD CHEMISTRY-X. 2024. -. DOI: 10.1016/j.fochx.2024.101398. IF: 6,5 Q1 D1	GC21
Luque-Córdoba D, Ledesma-Escobar CA, Priego-Capote F. Qualitative and quantitative determination of phenols and their metabolites in urine by in-syringe solid-phase extraction and LC-MS/MS analysis for evaluation of virgin olive oil metabolism. TALANTA. 2024. -. DOI: 10.1016/j.talanta.2023.125029. IF: 5,6 Q1 D2	GC21
Miho H, Expósito-Díaz A, Marquez-Perez MI, Ledesma-Escobar C, Diez CM, Prusky D, Priego-Capote F, Moral J. The dynamic changes in olive fruit phenolic metabolism and its contribution to the activation of quiescent Colletotrichum infection. FOOD CHEMISTRY. 2024. -. DOI: 10.1016/j.foodchem.2024.139299. IF: 8,5 Q1 D1	GC21
González D, Peña MJ, Bernal C, García-Acero M, Manotas MC, Suarez-Obando F, Rojas A. Epigenetic control of S OX9 gene by the histone acetyltransferase P300 in human Sertoli cells. HELIYON. 2024. -. DOI: 10.1016/j.heliyon.2024.e33173. IF: 3,4 Q1 D3	GC22
Morales-Ruiz T, Beltran-Melero C, Ortega-Paredes D, Luna-Morillo JA, Martínez-Macías MI, Roldán-Arjona T, Ariza RR, Córdoba-Cañero D. The enzymatic properties of Arabidopsis thaliana DNA polymerase λ suggest a role in base excision repair. PLANT MOLECULAR BIOLOGY. 2024. -. DOI: 10.1007/s11103-023-01407-8. IF: 3,9 Q1 D2	GC22

PUBLICATIONS	IMIBIC GROUP
Barrera-Heredia AD, Zafra-Mejía CA, Arboleda AC, Sánchez MJF, López-Kleine L, Moreno AR. Trends in the Use of Air Quality Indexes in Asthma Studies. ATMOSPHERE. 2024. -. DOI: 10.3390/atmos15070847. IF: 2,5 Q3 D	GC22
Medina-Vadora MM, Plaza-Diaz J, Llorente-Cantarero FJ, Severi C, Lecot C, Ruiz-López MD, Gil A. A Clustering Study of Dietary Patterns and Physical Activity among Workers of the Uruguayan State Electrical Company. NUTRIENTS. 2024. -. DOI: 10.3390/nu16020304. IF: 4,8 Q1 D2	GC23
Garcidueñas-Fimbres TE, Gómez-Martínez C, Pascual-Compte M, Jurado-Castro JM, Leis R, Moreno LA, Navas-Carretero S, Codoñer-Franch P, Echeverría AM, Pastor-Villaescusa B, López-Rubio A, García SM, De Miguel-Etayo P, Martínez JA, Aguayo IV, Vázquez-Cobela R, Escribano J, Miguel-Berges ML, de la Torre-aguilar MJ, Gil-Campos M, Salas-Salvadó J, Babio N. Adherence to a healthy lifestyle behavior composite score and cardiometabolic risk factors in Spanish children from the CORALS cohort. EUROPEAN JOURNAL OF PEDIATRICS. 2024. 1819-1830. DOI: 10.1007/s00431-023-05389-z. IF: 3 Q1 D2	GC23
Serafim AB, Olivé-Cirera G, Ortega-González A, Kruer MC, Weese-Mayer D, Rand CM, Fons C, Fernández-Ramos JA, Clemente M, Simabukuro MM, Embirüçu EK, Ibáñez-Micó S, Dalmau JO, Graus F, Armangué T, Sabater L. Antibodies Against ZSCAN1 in Pediatric and Adult Patients With Non-Paraneoplastic ROHHAD Syndrome. NEUROLOGY-NEUROIMMUNOLOGY & NEUROINFLAMMATION. 2024. -. DOI: 10.1212/NXI.0000000000200276. IF: 7,8 Q1 D1	GC23
Pastor-Villaescusa B, Meier J, Ruske F, Prell C, Gruenzner J, Koenig M, Jakob A, Koletzko B, Nussbaum C. Association between Inflammation, Glycocalyx Biomarkers, and Endothelial Function in Children with Hypercholesterolemia. ANNALS OF NUTRITION AND METABOLISM. 2024. 260-267. DOI: 10.1159/000536042. IF: 3,2 Q2 D5	GC23
Marmol-Perez A, Ubago-Guisado E, Gil-Cosano JJ, Llorente-Cantarero FJ, Pascual-Gázquez JF, Muñoz-Torres M, Martinez-Vizcaino V, Ness KK, Ruiz JR, Gracia-Marco L. Co-morbid sarcopenia and low bone mineral density in young paediatric cancer survivors. JOURNAL OF CACHEXIA SARCOPENIA AND MUSCLE. 2024. 2156-2163. DOI: 10.1002/jcsm.13563. IF: 9,4 Q1 D1	GC23
Flores-Rojas K, Gil-Campos M, Lacort-Peralta I, Párraga-Quiles MJ, Pastor-Villaescusa B. Donor and newborn profiles and their influence on donation volume and duration: a cross-sectional study in a Spanish human milk bank. INTERNATIONAL BREASTFEEDING JOURNAL. 2024. -. DOI: 10.1186/s13006-024-00661-w. IF: 2,9 Q1 D2	GC23
Ortega-Ramírez AD, Maneschy IR, Miguel-Berges ML, Pastor-Villaescusa B, Leis R, Babio N, Navas-Carretero S, Portoles O, Moreira A, Jurado-Castro JM, Flores-Rojas K, Vázquez-Cobela R, Picáns-Leis R, Mimbreros G, Flores-Barrantes P, Martínez JA, Castro-Collado C, Ferré-Pallás N, Gimenez-Legarre N, Gil-Campos M, Salas-Salvadó J, de Miguel-Etayo P, Aznar LAM. Early feeding practices and eating behaviour in preschool children: The CORALS cohort. MATERNAL AND CHILD NUTRITION. 2024. -. DOI: 10.1111/mcn.13672. IF: 2,8 Q1 D2	GC23
Díez-Arroyo C, García-García M, Soto-Méndez MJ, Molina-Montes E, Gil-Campos M, Gil A, Gutiérrez-Jimeno M, Hernández-Ruiz A. Effect of the ketogenic diet as a treatment for refractory epilepsy in children and adolescents: a systematic review of reviews. NUTRITION REVIEWS. 2024. 487-502. DOI: 10.1093/nutrit/nuad071. IF: 5,9 Q1 D2	GC23
Marmol-Perez A, Migueles JH, Ubago-Guisado E, Gil-Cosano JJ, Rodriguez-Solana A, Redondo-Tébar A, Llorente-Cantarero FJ, Labayen I, Ortega FB, Ruiz JR, Gracia-Marco L. Every Move Counts to Improve Bone Health at Clinical Sites in Young Pediatric Cancer Survivors: The iBoneFIT Project. MEDICINE & SCIENCE IN SPORTS & EXERCISE. 2024. 1085-1093. DOI: 10.1249/MSS.0000000000003397. IF: 4,1 Q1 D1	GC23
Díaz-Hidalgo S, Ranchal-Sanchez A, Jurado-Castro JM. Improvements in Jump Height, Speed, and Quality of Life through an 8-Week Strength Program in Male Adolescents Soccer Players. SPORTS. 2024. -. DOI: 10.3390/sports12030067. IF: 2,2 Q2 D4	GC23
Yildiz Y, Hübschmann OK, Karaosmanoglu AA, Manti F, Karaca M, Schwartz IVD, Pons R, López-Laso E, Palacios NAJ, Porta F, Kavecan I, Balci MC, Dy-Hollins ME, Wong SN, Oppeboen M, Medeiros LS, de Paula LCP, García-Cazorla A, Hoffmann GF, Jeltsch K, Leuzzi V, Gökçay G, Hübschmann D, Harting I, Özön ZA, Sivri S, Opladen T. Levodopa-refractory hyperprolactinemia and pituitary findings in inherited disorders of biogenic amine metabolism. JOURNAL OF INHERITED METABOLIC DISEASE. 2024. 431-446. DOI: 10.1002/jimd.12658. IF: 4,2 Q1 D3	GC23

PUBLICATIONS	IMIBIC GROUP
Palomino-Fernández L, Pastor-Villaescusa B, Velasco I, Rico MD, Roa J, Gil A, Gil-Campos M. Metabolic and Low-Grade Inflammation Risk in Young Adults with a History of Extrauterine Growth Restriction. NUTRIENTS. 2024. -. DOI: 10.3390/nu16111608. IF: 4,8 Q1 D2	GC23
Guffon N, Burton BK, Ficicioglu C, Magner M, Gil-Campos M, Lopez-Rodriguez MA, Jayakar P, Lund AM, Tal G, Garcia-Ortiz JE, Stepien KM, Ellaway C, Al-Hertani W, Giugliani R, Cathey SS, Hennermann JB, Lampe C, McNutt M, Lagler FB, Scarpa M, Sutton VR, Muschol N. Monitoring and integrated care coordination of patients with alpha-mannosidosis: A global Delphi consensus study. MOLECULAR GENETICS AND METABOLISM. 2024. -. DOI: 10.1016/j.ymgme.2024.108519. IF: 3,7 Q2 D3	GC23
Gil-Cosano JJ, Ubago-Guisado E, Llorente-Cantarero FJ, Marmol-Perez A, Rodriguez-Solana A, Pascual-Gazquez JF, Mateos ME, Molina-Hurtado JR, Garcia-Fontana B, Narciso PH, Klentrou P, Gracia-Marco L. Movement Behaviors and Bone Biomarkers in Young Pediatric Cancer Survivors: A Cross-Sectional Analysis of the iBoneFIT Project. NUTRIENTS. 2024. -. DOI: 10.3390/nu16223914. IF: 4,8 Q1 D2	GC23
Ruiz-Salcedo S, Ranchal-Sanchez A, Ruiz-Moruno J, Montserrat-Villatoro J, Jurado-Castro JM, Romero-Rodriguez E. Multicentre Pilot Study to Evaluate the Efficacy of Targeted Exercise in Combination with Cytisinicline on Smoking Cessation at 12 Months: MEDSEC-CTA. HEALTHCARE. 2024. -. DOI: 10.3390/healthcare12242516. IF: 2,4 Q2 D5	GC23
Marmol-Perez A, Gil-Cosano JJ, Ubago-Guisado E, Llorente-Cantarero FJ, Pascual-Gázquez JF, Ness KK, Martinez-Vizcaino V, Ruiz JR, Gracia-Marco L. Muscle strength deficits are associated with low bone mineral density in young pediatric cancer survivors: The iBoneFIT project. JOURNAL OF SPORT AND HEALTH SCIENCE. 2024. 419-427. DOI: 10.1016/j.jshs.2024.01.003. IF: 9,7 Q1 D1	GC23
Costa AF, Fernández-Ramos JA, Cazorla C, López-Laso E. New-Onset Status Epilepticus in an 11-year-old Patient with Thyroid Autoimmune Dysfunction: A Case Report of Pediatric Hashimoto Encephalopathy. JOURNAL OF PEDIATRIC EPILEPSY. 2024. 92-95. DOI: 10.1055/s-0044-1788053. IF: 0,2 Q4 D	GC23
Muñoz-Herrera E, Montero-Trillo DM, Aranda-Ruz F, Llorente-Cantarero FJ. Perception Differences between Families and Teachers on the Integral Development of the Child and the Educational Process. EDUCATION SCIENCES. 2024. -. DOI: 10.3390/educsci14080825. IF: 2,5 Q1 D2	GC23
Alvarez FL, Fernández-Ramos JA, León RC, de la Rosa EI, Laso EL. Síndrome de pseudotumor cerebri en la población pediátrica: características clínicas, tratamiento y pronóstico. NEUROLOGIA. 2024. -. DOI: 10.1016/j.nrl.2021.04.013. IF: 2,9 Q2 D4	GC23
Rodriguez-Solana A, Gracia-Marco L, Cadenas-Sanchez C, Redondo-Tébar A, Marmol-Perez A, Gil-Cosano JJ, Llorente-Cantarero FJ, Ubago-Guisado E. The effects of physical activity interventions on self-esteem during and after cancer treatment: a systematic review and meta-analysis. SCIENTIFIC REPORTS. 2024. -. DOI: 10.1038/s41598-024-74888-2. IF: 3,8 Q1 D2	GC23
Khoury N, Martínez MA, Garcidueñas-Fimbres TE, Pastor-Villaescusa B, Leis R, de las Heras-delgado S, Miguel-Berges ML, Navas-Carretero S, Portoles O, Pérez-Vega KA, Jurado-Castro JM, Vázquez-Cobela R, Mimbrero G, Horno RA, Martínez JA, Flores-Rojas K, Picáns-Leis R, Luque V, Moreno LA, Castro-Collado C, Gil-Campos M, Salas-Salvadó J, Babio N. Ultraprocessed Food Consumption and Cardiometabolic Risk Factors in Children. JAMA NETWORK OPEN. 2024. -. DOI: 10.1001/jamanetworkopen.2024.11852. IF: 10,5 Q1 D1	GC23
Caballero-Gómez J, Pereira S, Rivero-Calle I, Perez AB, Viciana I, Casares-Jiménez M, Rios-Muñoz L, Rivero-Juarez A, Aguilera A, Rivero A. Acute Hepatitis in Children Due to Rat Hepatitis E Virus. JOURNAL OF PEDIATRICS. 2024. -. DOI: 10.1016/j.jpeds.2024.114125. IF: 3,9 Q1 D1	GC24
Corona-Mata D, Rivero-Juárez A, Camacho A, Ruiz-Torres L, Ruiz-Cáceres I, Pérez AB, Darder BD, Cáceres-Anillo D, Castro-Granados MD, Lizaur-Barbudo M, Cabrera-Gisbert MV, Redondo-Écija J, Aparicio-Aparicio A, Manchado-López L, Cobos L, Pérez-Valero I, Rivero A. Comparison of hepatitis B and SARS-CoV2 vaccination rates in people who attended Drugs and Addiction Centres. FRONTIERS IN PUBLIC HEALTH. 2024. -. DOI: 10.3389/fpubh.2023.1258095. IF: 3 Q2 D3	GC24

PUBLICATIONS	IMIBIC GROUP
Casares-Jimenez M, Garcia-Garcia T, Suárez-Cárdenas JM, Perez-Jimenez AB, Martín MA, Caballero-Gómez J, Michán C, Corona-Mata D, Risalde MA, Perez-Valero I, Guerra R, Garcia-Bocanegra I, Rivero A, Rivero-Juarez A, Garrido JJ. Correlation of hepatitis E and rat hepatitis E viruses urban wastewater monitoring and clinical cases. SCIENCE OF THE TOTAL ENVIRONMENT. 2024. -. DOI: 10.1016/j.scitotenv.2023.168203. IF: 8,2 Q1 D1	GC24
Hernández-García M, García-Castillo M, Nieto-Torres M, Bou G, Ocampo-Sosa A, Pitart C, Gracia-Ahufinger I, Mulet X, Pascual A, Tormo N, Oliver A, Ruiz-Garbajosa P, Cantón R. Deciphering mechanisms affecting cefepime-taniborbactam in vitro activity in carbapenemase-producing Enterobacterales and carbapenem-resistant Pseudomonas spp. isolates recovered during a surveillance study in Spain. EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES. 2024. 279-296. DOI: 10.1007/s10096-023-04697-4. IF: 3,7 Q2 D3	GC24
Harbaoui S, Ferjani S, Abbassi MS, Guzmán-Puche J, Causse M, Elías-López C, Martínez-Martínez L, Boutiba-Ben Boubaker I. Genetic background of aminoglycoside-modifying enzymes in various genetic lineages of clinical aminoglycosides-resistant E. coli and K. pneumoniae isolates in Tunisia. JOURNAL OF APPLIED MICROBIOLOGY. 2024. -. DOI: 10.1093/jambio/ixae164. IF: 3,2 Q2 D5	GC24
Valik JK, Giske CG, Hasan B, Gozalo-Margüello M, Martínez-Martínez L, Premru MM, Martincic Z, Beovic B, Maraki S, Zacharioudaki M, Kofteridis D, Mccarthy K, Paterson D, Cueto MD, Morales I, Leibovici L, Babich T, Granath F, Rodríguez-Baño J, Oliver A, Yahav D, Naüclér P. Genomic virulence markers are associated with severe outcomes in patients with Pseudomonas aeruginosa bloodstream infection. COMMUNICATIONS MEDICINE. 2024. -. DOI: 10.1038/s43856-024-00696-4. IF: 5,4 Q1 D2	GC24
López-Viñau T, Muñoz-Rosa M, Ruiz-Lara LM, García-Martínez L, Machuca I, Gracia-Ahufinger I, Montero RR, Castón JJ, Cano A, Ruiz-Arabi E, del Prado JR, Salcedo I, Martínez-Martínez L, Torre-Cisneros J. Long-Term Clinical and Ecological Impact of an Antimicrobial Stewardship Program on the Incidence of Carbapenem-Resistant Klebsiella pneumoniae Infections in a High-Endemic Hospital. ANTIBIOTICS-BASEL. 2024. -. DOI: 10.3390/antibiotics13090792. IF: 4,3 Q1 D2	GC24
Ruiz-Arabi E, Torre-Cisneros J, Aguilera V, Alonso R, Berenguer M, Bestard O, Bodro M, Cantisan S, Carratalà J, Castón JJ, Cordero E, Facundo C, Fariñas MC, Fernández-Alonso M, Fernández-Ruiz M, Fortún J, García-Cosío MD, Herrera S, Iturbe-Fernández D, Len O, López-Medrano F, López-Oliva MO, Los-Arcos I, Marcos MA, Martín-Dávila P, Monforte V, Muñoz P, Navarro D, Páez-Vega A, Pérez AB, Redondo N, Alvarez RR, Rodríguez-Benot A, Rodríguez-Goncer I, San-Juan R, Sánchez-Céspedes J, Valerio M, Vaquero JM, Viasus D, Vidal E, Aguado JM. Management of cytomegalovirus in adult solid organ transplant patients: GESITRA-IC-SEIMC, CIBERINFEC, and SET recommendations update. TRANSPLANTATION REVIEWS. 2024. -. DOI: 10.1016/j.trre.2024.100875. IF: 3,6 Q1 D3	GC24
Casimiro-Soriguer CS, Perez-Florido J, Lara M, Camacho-Martinez P, Merino-Diaz L, Pupo-Ledo I, de Salazar A, Fuentes A, Vinuela L, Chueca N, Martinez-Martinez L, Lorusso N, Lepe JA, Dopazo J, García F. Molecular and phylogenetic characterization of the monkeypox outbreak in the South of Spain. HEALTH SCIENCE REPORTS. 2024. -. DOI: 10.1002/hsr2.1965. IF: 2,1 Q2 D4	GC24
Monzon S, Varona S, Negredo A, Vidal-Freire S, Patino-Galindo JA, Ferressini-Gerpe N, Zaballos A, Orviz E, Ayerdi O, Munoz-Gomez A, Delgado-Iribarren A, Estrada V, Garcia C, Molero F, Sanchez-Mora P, Torres M, Vazquez A, Galan JC, Torres I, del Rio MC, Merino-Diaz L, Lopez M, Galar A, Cardenoso L, Gutierrez A, Loras C, Escribano I, Alvarez-Argueelles ME, del Rio L, Simon M, Melendez MA, Camacho J, Herrero L, Jimenez P, Navarro-Rico ML, Jado I, Giannetti E, Kuhn JH, Sanchez-Lockhart M, Di Paola N, Kugelman JR, Guerra S, Garcia-Sastre A, Cuesta I, Sanchez-Seco MP, Palacios G. Monkeypox virus genomic accordion strategies. NATURE COMMUNICATIONS. 2024. -. DOI: 10.1038/s41467-024-46949-7. IF: 14,7 Q1 D1	GC24
Blanco-Martín T, González-Pinto L, Aja-Macaya P, Rodríguez-Pallares S, Sánchez-Peña L, Gato E, Fernández-López MD, Outeda-García M, Rodríguez-Coello A, Pedraza-Merino R, Alonso-García I, Vázquez-Ucha JC, Martínez-Martínez L, Arca-Suárez J, Beceiro A, Bou G. Mutant prevention concentrations, in vitro resistance evolution dynamics, and mechanisms of resistance to imipenem and imipenem/relebactam in carbapenem-susceptible Klebsiella pneumoniae isolates showing ceftazidime/avibactam resistance. ANTIMICROBIAL AGENTS AND CHEMOTHERAPY. 2024. -. DOI: 10.1128/aac.01120-24. IF: 4,1 Q1 D3	GC24

PUBLICATIONS	IMIBIC GROUP
Elías-López C, Muñoz-Rosa M, Guzmán-Puche J, Pérez-Nadales E, Chicano-Galvez E, Martínez-Martínez L. Porin expression in clinical isolates of Klebsiella pneumoniae: a comparison of SDS-PAGE and MALDI-TOF/MS and limitations of whole genome sequencing analysis. ANNALS OF CLINICAL MICROBIOLOGY AND ANTIMICROBIALS. 2024. -. DOI: 10.1186/s12941-024-00761-9. IF: 4,6 Q1 D3	GC24
Oliver A, Rojo-Molinero E, Arca-Suarez J, Besli Y, Bogaerts P, Cantón R, Cimen C, Croughs PD, Denis O, Giske CG, Graells T, Huang TDD, Iorga BI, Karatuna O, Kocsis B, Kronenberg A, López-Causapé C, Malhotra-Kumar S, Martínez LM, Mazzariol A, Meyer S, Naas T, Notermans DW, Oteo-Iglesias J, Pedersen T, Pirs M, Poeta P, Poirel L, Pournaras S, Sundsfjord A, Szabó D, Tambic-Andrasevic A, Vatcheva-Dobrevska R, Vitkauskiene A, Jeannot K. Pseudomonas aeruginosa antimicrobial susceptibility profiles, resistance mechanisms and international clonal lineages: update from ESGARS-ESCMID/ISARPAE Group. CLINICAL MICROBIOLOGY AND INFECTION. 2024. 469-480. DOI: 10.1016/j.cmi.2023.12.026. IF: 10,9 Q1 D1	GC24
Tiseo G, Yahav D, Atamna A, Avni T, Causse M, Pérez-Nadales E, Mularoni A, Reigadas E, Olmedo-Samperio M, Fernández-Ruiz M, Palacios-Baena ZR, Rodríguez-Bano J, De Simone P, Biancofiore G, Sabik EF, Paul M, Aguado JM, Boggi U, Muñoz P, Torres-Cisneros J, Farcomeni A, Falcone M. Recurrent Clostridioides difficile infections in solid organ transplant recipients: The international CALIPSO study. JOURNAL OF INFECTION. 2024. -. DOI: 10.1016/j.jinf.2024.106306. IF: 14,3 Q1 D1	GC24
Casares-Jimenez M, Corona-Mata D, Garcia-Garcia T, Manchado-Lopez L, Rios-Muñoz L, de Guia-Castro M, Lopez-Lopez P, Caceres-Anillo D, Camacho A, Caballero-Gomez J, Perez-Valero I, Gallo-Marin M, Perez AB, Ulrich RG, Rivero-Juarez A, Rivero A. Serological and molecular survey of rat hepatitis E virus (Rocahepevirus ratt) in drug users. EMERGING MICROBES & INFECTIONS. 2024. -. DOI: 10.1080/22221751.2024.2396865. IF: 8,4 Q1 D1	GC24
Alvarez-Heredia P, Reina-Alfonso I, Domínguez-del-Castillo JJ, Hassouneh F, Gutiérrez-González C, Batista-Duharte A, Pérez AB, Sarramea F, Jaén-Moreno MJ, Camacho-Rodríguez C, Tarazona R, Solana R, Molina J, Pera A. Spanish HCMV Seroprevalence in the 21st Century. VIRUSES-BASEL. 2024. -. DOI: 10.3390/v16010006. IF: 3,8 Q2 D5	GC24
Moreno LM, Quiroga J, Abonia R, Crespo MD, Aranaga C, Martinez-Martinez L, Sortino M, Barreto M, Burbano ME, Insuasty B. Synthesis of Novel Triazine-Based Chalcones and 8,9-dihydro-7H-pyrimido[4,5-b][1,4]diazepines as Potential Leads in the Search of Anticancer, Antibacterial and Antifungal Agents. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25073623. IF: 4,9 Q1 D3	GC24
Hidalgo-Tenorio C, Bou G, Oliver A, Rodríguez-Aguirregabiria M, Salavert M, Martínez-Martínez L. The Challenge of Treating Infections Caused by Metallo-β-Lactamase-Producing Gram-Negative Bacteria: A Narrative Review. DRUGS. 2024. 1519-1539. DOI: 10.1007/s40265-024-02102-8. IF: 13 Q1 D1	GC24
Avila-Jiménez JL, Cantón-Habas V, Carrera-González MD, Rich-Ruiz M, Ventura S. A deep learning model for Alzheimer’s disease diagnosis based on patient clinical records. COMPUTERS IN BIOLOGY AND MEDICINE. 2024. -. DOI: 10.1016/j.compbimed.2023.107814. IF: 7 Q1 D1	GC25
Robles-Berumen H, Zafra A, Ventura S. A survey of genetic algorithms for clustering: Taxonomy and empirical analysis. SWARM AND EVOLUTIONARY COMPUTATION. 2024. -. DOI: 10.1016/j.swevo.2024.101720. IF: 8,2 Q1 D1	GC25
Trasierras AM, Luna JM, Fournier-Viger P, Ventura S. Data heterogeneity’s impact on the performance of frequent itemset mining algorithms. INFORMATION SCIENCES. 2024. -. DOI: 10.1016/j.ins.2024.120981. IF: 2,09 Q1 D1	GC25
Zmezm H, Luna JM, Almeda E, Ventura S. Efficient Frequent Chronicle Mining Algorithms: Application to Sleep Disorder. IEEE ACCESS. 2024. 14580-14595. DOI: 10.1109/ACCESS.2024.3357139. IF: 3,4 Q2 D4	GC25
Salmi M, Atif D, Oliva D, Abraham A, Ventura S. Handling imbalanced medical datasets: review of a decade of research. ARTIFICIAL INTELLIGENCE REVIEW. 2024. -. DOI: 10.1007/s10462-024-10884-2. IF: 10,7 Q1 D1	GC25

PUBLICATIONS	IMIBIC GROUP
Esteban A, Cano A, Zafra A, Ventura S. Hoeffding adaptive trees for multi-label classification on data streams. KNOWLEDGE-BASED SYSTEMS. 2024. -. DOI: 10.1016/j.knosys.2024.112561. IF: 7,2 Q1 D2	GC25
Muñoz EG, Parraga-Alava J, Meza J, Morales JJP, Ventura S. Housing fuzzy recommender system: A systematic literature review. HELIYON. 2024. -. DOI: 10.1016/j.heliyon.2024.e26444. IF: 3,4 Q1 D3	GC25
Moya AR, Veloso B, Gama J, Ventura S. Improving hyper-parameter self-tuning for data streams by adapting an evolutionary approach. DATA MINING AND KNOWLEDGE DISCOVERY. 2024. 1289-1315. DOI: 10.1007/s10618-023-00997-7. IF: 2,8 Q2 D5	GC25
Luna C, Moya AR, Luna JM, Ventura S. StaTDS library: Statistical tests for Data Science. NEUROCOMPUTING. 2024. -. DOI: 10.1016/j.neucom.2024.127877. IF: 5,5 Q1 D3	GC25
Mero K, Salgado N, Meza J, Pacheco-Delgado J, Ventura S. Unemployment Rate Prediction Using a Hybrid Model of Recurrent Neural Networks and Genetic Algorithms. APPLIED SCIENCES-BASEL. 2024. -. DOI: 10.3390/app14083174. IF: 2,5 Q2 D5	GC25
Castro-Scholten S, Caballero-Gómez J, Bost C, Cano-Terriza D, Jiménez-Martín D, Groschup MH, Frías M, Camacho-Sillero L, Fischer K, García-Bocanegra I. Absence of Crimean-Congo hemorrhagic fever virus in wild lagomorphs and their ticks in Spanish Mediterranean ecosystems. VETERINARY MICROBIOLOGY. 2024. -. DOI: 10.1016/j.vetmic.2024.110217. IF: 2,4 Q1 D2	GC26
Caballero-Gómez J, Pereira S, Rivero-Calle I, Perez AB, Viciana I, Casares-Jiménez M, Rios-Muñoz L, Rivero-Juarez A, Aguilera A, Rivero A. Acute Hepatitis in Children Due to Rat Hepatitis E Virus. JOURNAL OF PEDIATRICS. 2024. -. DOI: 10.1016/j.jpeds.2024.114125. IF: 3,9 Q1 D1	GC26
Bost C, Castro-Scholten S, Sadeghi B, Cano-Terriza D, Frías M, Jiménez-Ruiz S, Groschup MH, García-Bocanegra I, Fischer K. Approaching the complexity of Crimean-Congo hemorrhagic fever virus serology: A study in swine. JOURNAL OF VIROLOGICAL METHODS. 2024. -. DOI: 10.1016/j.jviromet.2024.114915. IF: 2,2 Q3 D	GC26
Köster PC, Figueiredo AM, Maloney JG, Dashti A, Bailo B, Torres RT, Fonseca C, Mysterud A, Habela MA, Rivero-Juarez A, Vicente J, Serrano E, Arnal MC, de Luco DF, Armenteros JA, Balseiro A, Cardona GA, Carvalho J, Hipólito D, Fernandes J, Palmeira JD, Calero-Bernal R, González-Barrio D, Santin M, Carmena D. Blastocystis occurrence and subtype diversity in European wild boar (Sus scrofa) from the Iberian Peninsula. VETERINARY RESEARCH. 2024. -. DOI: 10.1186/s13567-024-01385-9. IF: 3,7 Q1 D1	GC26
Corona-Mata D, Rivero-Juárez A, Camacho A, Ruiz-Torres L, Ruiz-Cáceres I, Pérez AB, Darder BD, Cáceres-Anillo D, Castro-Granados MD, Lizaur-Barbudo M, Cabrera-Gisbert MV, Redondo-Écija J, Aparicio-Aparicio A, Manchado-López L, Cobos L, Pérez-Valero I, Rivero A. Comparison of hepatitis B and SARS-CoV2 vaccination rates in people who attended Drugs and Addiction Centres. FRONTIERS IN PUBLIC HEALTH. 2024. -. DOI: 10.3389/fpubh.2023.1258095. IF: 3 Q2 D3	GC26
Casares-Jimenez M, Garcia-Garcia T, Suárez-Cárdenas JM, Perez-Jimenez AB, Martín MA, Caballero-Gómez J, Michán C, Corona-Mata D, Risalde MA, Perez-Valero I, Guerra R, Garcia-Bocanegra I, Rivero A, Rivero-Juarez A, Garrido JJ. Correlation of hepatitis E and rat hepatitis E viruses urban wastewater monitoring and clinical cases. SCIENCE OF THE TOTAL ENVIRONMENT. 2024. -. DOI: 10.1016/j.scitotenv.2023.168203. IF: 8,2 Q1 D1	GC26
Avalos G, Caballero-Gómez J, Matas-Méndez P, Castro-Scholten S, Jiménez-Martín D, Köster PC, Santín M, Bailo B, Cano-Terriza D, González-Barrio D, Mateo M, García-Bocanegra I, Dashti A, Nájera F, Carmena D. Detection and genotyping of zoonotic microsporidia in the endangered Iberian lynx (Lynx pardinus). MEDICAL MYCOLOGY. 2024. -. DOI: 10.1093/mmy/myae027. IF: 2,7 Q2 D5	GC26
Matas-Méndez P, Avalos G, Caballero-Gómez J, Dashti A, Castro-Scholten S, Jiménez-Martín D, González-Barrio D, Muñoz-de-Mier GJ, Bailo B, Cano-Terriza D, Mateo M, Nájera F, Xiao LH, Köster PC, García-Bocanegra I, Carmena D. Detection and Molecular Diversity of Cryptosporidium spp. and Giardia duodenalis in the Endangered Iberian Lynx (Lynx pardinus), Spain. ANIMALS. 2024. -. DOI: 10.3390/ani14020340. IF: 2,7 Q1 D1	GC26

PUBLICATIONS	IMIBIC GROUP
Santos-Silva S, Moraes DFDD, López-López P, Paupério J, Queirós J, Rivero-Juarez A, Lux L, Ulrich RG, Gonçalves HMR, van der Poel WHM, Nascimento MSJ, Mesquita JR. Detection of hepatitis E virus genotype 3 in an Algerian mouse (Mus spretus) in Portugal. VETERINARY RESEARCH COMMUNICATIONS. 2024. 1803-1812. DOI: 10.1007/s11259-024-10293-4. IF: 1,8 Q2 D4	GC26
Corona D, Pérez-Valero I, Camacho A, Liarte AG, Montero-Alonso M, Alemán MR, Ruiz-Seco P, González AP, Riera M, Jarrin I, Rivero-Juárez A, Rivero A. Effectiveness and safety of bictegravir/emtricitabine/tenofovir alafenamide in HIV late presenters. INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS. 2024. -. DOI: 10.1016/j.ijantimicag.2023.107016. IF: 4,9 Q1 D2	GC26
Frías M, Fischer K, Castro-Scholten S, Bost C, Cano-Terriza D, Risalde MA, Acevedo P, Jiménez-Ruiz S, Sadeghi B, Groschup MH, Caballero-Gómez J, Garcia-Bocanegra I. Epidemiologic Survey of Crimean-Congo Hemorrhagic Fever Virus in Suids, Spain. EMERGING INFECTIOUS DISEASES. 2024. 984-990. DOI: 10.3201/eid3005.240074. IF: 7,2 Q1 D1	GC26
Castro-Scholten S, García-Bocanegra I, Iglesias N, Casais R, Cano-Terriza D, Jiménez-Martín D, Barbero-Moyano J, Camacho-Sillero L, Rouco C, Caballero-Gómez J. Epidemiological survey and risk factors associated with Sarcoptes scabiei in wild lagomorphs in Spanish Mediterranean ecosystems. RESEARCH IN VETERINARY SCIENCE. 2024. -. DOI: 10.1016/j.rvsc.2024.105344. IF: 2,2 Q1 D2	GC26
Castro-Scholten S, Caballero-Gómez J, Cano-Terriza D, Jiménez-Martín D, Rouco C, Beato-Benítez A, Camacho-Sillero L, García-Bocanegra I. Exposure to Coxiella burnetii in Wild Lagomorphs in Spanish Mediterranean Ecosystems. ANIMALS. 2024. -. DOI: 10.3390/ani14050749. IF: 2,7 Q1 D2	GC26
Gómez JC, Cano-Terriza D, Segalés J, Vergara-Alert J, Zorrilla I, del Rey T, Paniagua J, González M, Fernández-Bastit L, Nájera F, Montoya-Oliver JI, Salcedom J, García-Bocanegra I. Exposure to severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) in the endangered Iberian lynx (Lynx pardinus). VETERINARY MICROBIOLOGY. 2024. -. DOI: 10.1016/j.vetmic.2024.110001. IF: 2,4 Q1 D2	GC26
Castro-Scholten S, García-Bocanegra I, Rejón-Segura S, Cano-Terriza D, Jiménez-Martín D, Rouco C, Camacho-Sillero L, Arenas A, Caballero-Gómez J. Francisella tularensis in Wild Lagomorphs in Southern Spain's Mediterranean Ecosystems. ANIMALS. 2024. -. DOI: 10.3390/ani14233376. IF: 2,7 Q1 D1	GC26
Mesquita JR, Santos-Silva S, Ferreira N, Rivero-Juarez A, Gonçalves G, Nascimento MS. Hepatitis E Virus in Individuals Undergoing Heparin Therapy: An Observational Serological and Molecular Study. CURRENT DRUG SAFETY. 2024. 377-381. DOI: 10.2174/0115748863272272231122114732. IF: 1,1 Q4 D	GC26
Santos-Silva S, Santos N, López-López P, Nascimento MSJ, Gonçalves HMR, Van der Poel WHM, Rivero-Juarez A, Mesquita JR. Hepatitis E virus in wild and domestic rabbits from Portugal: a combined molecular and longitudinal serological study. VETERINARY RESEARCH COMMUNICATIONS. 2024. 3283-3289. DOI: 10.1007/s11259-024-10452-7. IF: 1,8 Q2 D4	GC26
Castro-Scholten S, Vasinioti VI, Caballero-Gómez J, García-Bocanegra I, Pellegrini F, Salvaggiulo A, Odigie AE, Diakoudi G, Camero M, Decaro N, Martella V, Lanave G. Identification and characterization of a novel circovirus in Iberian lynx in Spain. RESEARCH IN VETERINARY SCIENCE. 2024. -. DOI: 10.1016/j.rvsc.2024.105336. IF: 2,2 Q1 D2	GC26
Serrano-Rísquez C, Omar M, Rallon N, Benito JM, Gómez-Vidal A, Marquez FJ, Aljan M, Rivero-Juárez A, Pérez-Valero I, Rivero A, Sinangil F, Saulle I, Biasin M, Clerici M, Forthal D, Saéz ME, Caruz A. Impact of Human Leukocyte Antigen Allele-Killer Cell Immunoglobulin-like Receptor Partners on Sexually Transmitted Human Immunodeficiency Virus Type 1 Infection. JOURNAL OF INFECTIOUS DISEASES. 2024. e1077-e1081. DOI: 10.1093/infdis/jiae436. IF: 5 Q1 D2	GC26
Montes ML, Busca C, Espinosa N, Bernardino JI, Ibarra-Ugarte S, Martin-Carbonero L, Moreno C, Macias J, Rivero A, Cervero-Jimenez M, Gonzalez-Garcia J. Incidence of Diabetes Mellitus and Associated Factors in the Era of Antiretroviral Drugs With a Low Metabolic Toxicity Profile. OPEN FORUM INFECTIOUS DISEASES. 2024. -. DOI: 10.1093/ofid/ofae112. IF: 3,8 Q2 D3	GC26
Jarrín I, Rava M, Raposo JD, Rivero A, Guerrero JD, De Lagarde M, Sanz JM, Navarro G, Dalmau D, Blanco JR, Koerting A, Castell JG, Del Amo J. Life expectancy of people with HIV on antiretroviral therapy in Spain. AIDS. 2024. 387-395. DOI: 10.1097/QAD.0000000000003772. IF: 3,4 Q2 D4	GC26

PUBLICATIONS	IMIBIC GROUP
Corma-Gómez A, Cabello A, Orviz E, Morante-Ruiz M, Ayerdi O, Al-Hayani A, Muñoz-Gómez A, De Los Santos I, Gómez-Ayerbe C, Rodrigo D, Riestra SDR, Reus-Bañuls S, Silva-Klug A, Galindo MJ, Santos M, Serrano-Fuentes M, Faro-Míguez N, Pérez-Camacho I, Corona-Mata D, Morano L, López-Ruz MA, Montero M, Anaya-Baz B, Merino D, Castillo-Navarro A, Pineda JA, Macías J. Long or complicated mpox in patients with uncontrolled HIV infection. JOURNAL OF MEDICAL VIROLOGY. 2024. -. DOI: 10.1002/jmv.29511. IF: 6,8 Q1 D1	GC26
Fajardo-Alonso T, García-Bocanegra I, Risalde MA, Rivero-Juárez A, Jiménez-Ruiz S, Cano-Terriza D, Casares-Jiménez M, Laguna E, Acevedo P, Frías M, Vicente J, Rivero A, Caballero-Gómez J. Longitudinal survey of hepatitis E virus in extensively raised pigs in Spain. VETERINARY MICROBIOLOGY. 2024. -. DOI: 10.1016/j.vetmic.2024.110256. IF: 2,4 Q1 D2	GC26
Cruz AVS, López-López P, Santos-Silva S, Rivero-Juárez A, Rebelo H, Mesquita JR. Molecular detection of Enterocytozoon bienewisi in bats from Portugal. MEDICAL MYCOLOGY. 2024. -. DOI: 10.1093/mmy/myae019. IF: 2,7 Q2 D5	GC26
Sánchez-Sánchez M, Caballero-Gómez J, Muñoz-Hernández C, Moraga-Fernández A, Fernández-Verón I, Contreras M, Baz-Flores S, del Rey T, Crespo E, Montoya-Oliver I, Salcedo J, García-Bocanegra I, de Mera IGF. Monitoring of Coxiella burnetii in the Iberian lynx (Lynx pardinus). PREVENTIVE VETERINARY MEDICINE. 2024. -. DOI: 10.1016/j.prevetmed.2024.106330. IF: 2,2 Q1 D2	GC26
Mega J, Moreira R, Moreira G, Silva-Loureiro A, da Silva PG, Istrate C, Santos-Silva S, Rivero-Juarez A, Carmena D, Mesquita JR. Multicentric Study on Enteric Protists Occurrence in Zoological Parks in Portugal. PATHOGENS. 2024. -. DOI: 10.3390/pathogens13100874. IF: 3,3 Q2 D5	GC26
Castro-Scholten S, Caballero-Gómez J, Martínez R, Nadales-Martín BJ, Cano-Terriza D, Jiménez-Martín D, Remesar S, Jiménez-Ruiz S, Gómez-Guillamón F, García-Bocanegra I. Occurrence of Coxiella burnetii in wild lagomorphs and their ticks in Spanish Mediterranean ecosystems. ZOOZOSES AND PUBLIC HEALTH. 2024. 549-559. DOI: 10.1111/zph.13155. IF: 2,4 Q1 D2	GC26
Yeh-Gorocica A, Torres-Castro M, Carrillo-Chan C, Suarez-Galaz A, Suarez-Galaz M, Moguel-Chin W, Panti-May A, Lugo-Caballero C, Puerta-Guardo H, Chable-Santos J, Manrique-Saide P, Ayora-Talavera G, Selem-Salas C, Frias-Casas M, Rivero-Juarez A. Prevalence of Flavivirus and Alphavirus in bats captured in the state of Yucatan, southeastern Mexico. ONE HEALTH. 2024. -. DOI: 10.1016/j.onehlt.2024.100876. IF: 4,1 Q1 D2	GC26
López-López P, Risalde MA, Casares-Jiménez M, Caballero-Gómez J, Martín-Gómez A, Martínez-Blasco J, Agulló-Ros I, Frías M, García-Bocanegra I, Gómez-Villamandos JC, Rivero A, Rivero-Juárez A. Prevalence of Paslahepevirus balayani in commercial swine food products from Spain. ONE HEALTH. 2024. -. DOI: 10.1016/j.onehlt.2024.100690. IF: 4,1 Q1 D2	GC26
Casares-Jimenez M, Rivero-Juarez A, Lopez-Lopez P, Montes ML, Navarro-Soler R, Peraire J, Espinosa N, Alemán-Valls MR, Garcia-Garcia T, Caballero-Gomez J, Corona-Mata D, Perez-Valero I, Ulrich RG, Rivero A. Rat hepatitis E virus (Rocahepevirus rattii) in people living with HIV. EMERGING MICROBES & INFECTIONS. 2024. -. DOI: 10.1080/22221751.2023.2295389. IF: 8,4 Q1 D1	GC26
Jiménez-Martín D, Caballero-Gómez J, Cano-Terriza D, Jiménez-Ruiz S, Paniagua J, Prieto-Yerro P, Castro-Scholten S, García-Bocanegra I. Seroepidemiology of Coxiella burnetii in Domestic and Wild Ruminant Species in Southern Spain. ANIMALS. 2024. -. DOI: 10.3390/ani14213072. IF: 2,7 Q1 D1	GC26
Santos-Silva S, Romalde JL, Bento JT, Cruz AVS, López-López P, Goncalves HMR, van der Poel WHM, Nascimento MSJ, Rivero-Juarez A, Mesquita JR. Serological and Molecular Survey of Hepatitis E Virus in Small Ruminants from Central Portugal. FOOD AND ENVIRONMENTAL VIROLOGY. 2024. 516-524. DOI: 10.1007/s12560-024-09612-4. IF: 4,1 Q2 D3	GC26
Casares-Jimenez M, Corona-Mata D, Garcia-Garcia T, Manchado-Lopez L, Rios-Muñoz L, de Guia-Castro M, Lopez-Lopez P, Caceres-Anillo D, Camacho A, Caballero-Gomez J, Perez-Valero I, Gallo-Marin M, Perez AB, Ulrich RG, Rivero-Juarez A, Rivero A. Serological and molecular survey of rat hepatitis E virus (Rocahepevirus rattii) in drug users. EMERGING MICROBES & INFECTIONS. 2024. -. DOI: 10.1080/22221751.2024.2396865. IF: 8,4 Q1 D1	GC26

PUBLICATIONS	IMIBIC GROUP
Frías M, Caballero-Gómez J, Vázquez A, Madrigal E, Ruiz-Fons F, Gallo M, Herrero L, Jarilla M, García-Bocanegra I, Rivero-Juárez A, Rivero A. Serosurvey of Blood Donors to Assess West Nile Virus Exposure, South-Central Spain. EMERGING INFECTIOUS DISEASES. 2024. 1496-1498. DOI: 10.3201/eid3007.240450. IF: 7,2 Q1 D1	GC26
Fernandez-Bastit L, Cano-Terriza D, Caballero-Gomez J, Beato-Benitez A, Fernandez A, Garcia-Parraga D, Domingo M, Sierra C, Canales R, Borragan S, de la Riva-fraga M, Molina-Lopez R, Cabezon O, Puig-Ribas M, Espunyes J, Vazquez-Calero DB, Vergara-Alert J, Garcia-Bocanegra I, Segales J. Survey of severe acute respiratory syndrome coronavirus 2 in captive and free-ranging wildlife from Spain. VETERINARY RESEARCH. 2024. -. DOI: 10.1186/s13567-024-01348-0. IF: 3,7 Q1 D1	GC26
Martín-Sierra C, Bravo MJ, Sáez ME, De Rojas I, Santos M, Martín-Carmona J, Corma-Gómez A, González-Serna A, Royo JL, Pineda JA, Rivero A, Rivero-Juárez A, Macías J, Real LM. The absence of seroconversion after exposition to hepatitis C virus is not related to KIR-HLA genotype combinations (GEHEP-012 study). ANTIVIRAL RESEARCH. 2024. -. DOI: 10.1016/j.antiviral.2024.105795. IF: 4,5 Q1 D2	GC26
Gasca-Capote C, Lian XD, Gao C, Roseto IC, Jiménez-Léon MR, Gladkov G, Camacho-Sojo MI, Perez-Gomez A, Gallego I, Lopez-Cortes LE, Bachiller S, Vitale J, Benhnia MRE, Ostos FJ, Collado-Romacho AR, Santos J, Palacios R, Gomez-Ayerbe C, Munoz-Medina L, Ruiz-Sancho A, Frias M, Rivero-Juarez A, Roca-Oporto C, Hidalgo-Tenorio C, Rull A, Olalla J, Lopez-Ruz MA, Vidal F, Vilades C, Mastrangelo A, Cavassini M, Espinosa N, Perreau M, Peraire J, Rivero A, López-Cortes LF, Lichterfeld M, Yu XG, Ruiz-Mateos E. The HIV-1 reservoir landscape in persistent elite controllers and transient elite controllers. JOURNAL OF CLINICAL INVESTIGATION. 2024. -. DOI: 10.1172/JCI174215. IF: 13,3 Q1 D1	GC26
Garcia-Sanchez P, Romero-Trancón D, Falces-Romero I, Carrera PN, Ruiz-Carrascoso G, Carmena D, Jiménez MC, Rivero-Juárez A, Moya L, Rodón J, Esperón F, Pérez-Hernando B, Sánchez-León R, Hurtado-Gallego J, Alcolea S, Sainz T, Calvo C, Méndez-Echevarría A. Zoonosis screening in Spanish immunocompromised children and their pets. FRONTIERS IN VETERINARY SCIENCE. 2024. -. DOI: 10.3389/fvets.2024.1425870. IF: 2,6 Q1 D2	GC26
Camara-Perez J, Jimena I, Rodriguez-Cano MA, Sanz-Zorrilla A, Osuna-Soto J, Sanchez-Ramirez I, Sanchez-Medianero T, Galvez-Medina MJ, Ortega-Salas R, Leiva-Cepas F. Acute and chronic mammary periprosthetic histological changes of the muscle. JPRAS OPEN. 2024. 265-275. DOI: 10.1016/j.jptra.2024.06.010. IF: 1,5 Q3 D	GC27
Alors-Pérez E, Pedraza-Arevalo S, Blázquez-Encinas R, García-Vioque V, Agraz-Doblas A, Yubero-Serrano EM, Sánchez-Frías ME, Serrano-Blanch R, Gálvez-Moreno MA, Gracia-Navarro F, Gahete MD, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Altered CELF4 splicing factor enhances pancreatic neuroendocrine tumors aggressiveness influencing mTOR and everolimus response. MOLECULAR THERAPY NUCLEIC ACIDS. 2024. -. DOI: 10.1016/j.omtn.2023.102090. IF: 6,5 Q1 D2	GC27
Libero ML, Lucarini E, Recinella L, Ciampi C, Veschi S, Piro A, Chiavaroli A, Acquaviva A, Nilofar N, Orlando G, Generali D, Ghelardini C, Mannelli LD, Montero-Hidalgo AJ, Luque RM, Ferrante C, Menghini L, di Simone SC, Brunetti L, Leone S. Anti-inflammatory and anti-hyperalgesic effects induced by an aqueous aged black garlic extract in rodent models of ulcerative colitis and colitis-associated visceral pain. PHYTOTHERAPY RESEARCH. 2024. 4177-4188. DOI: 10.1002/ptr.8270. IF: 6,1 Q1 D1	GC27
Pérez-Sánchez S, Barragán-Prieto A, Loscertales JB, Rodríguez JAC, Zapata-Arriaza E, Pascasio LA, Gómez AH, García MAG, Galeano B, Fernández J, Galiana BP, Mayoral AD, Gómez LA, Navarro JF, del Toro C, Medina M, de Torres R, Baena P, Moniche F, Moyano RV, Martínez P, González A, Montaner J. Closing the Sex-Based Differences in Stroke Care: Insights from a Large Telestroke Network on Treatment and Postacute Management. HEALTH EQUITY. 2024. 301-306. DOI: 10.1089/heq.2023.0175. IF: 2,6 Q2 D4	GC27
Blanco-Acevedo C, Aguera-Morales E, Fuentes-Fayos AC, Pelaez-Viña N, Diaz-Pernalete R, Infante-Santos N, Muñoz-Jurado A, Porras-Pantojo MF, Ibáñez-Costa A, Luque RM, Solivera-Vela J. Decompressive Hemicraniectomy without Evacuation of Acute Intraparenchymal Hemorrhage. BIOMEDICINES. 2024. -. DOI: 10.3390/biomedicines12081666. IF: 3,9 Q2 D4	GC27

PUBLICATIONS	IMIBIC GROUP
Herrera-Martínez AD, Fuentes-Fayos AC, Sanchez-Sanchez R, Montero AJ, Sarmento-Cabral A, Gálvez-Moreno MA, Gahete MD, Luque RM. Does Telotristat Have a Role in Preventing Carcinoid Heart Disease?. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25042036. IF: 4,9 Q1 D3	GC27
Torres E, Pellegrino G, Granados-Rodríguez M, Fuentes-Fayos AC, Velasco I, Coutteau-Robles A, Legrand A, Shanabrough M, Perdices-Lopez C, Leon S, Yeo SH, Manchishi SM, Sánchez-Tapia MJ, Navarro VM, Pineda R, Roa J, Naftolin F, Argente J, Luque RM, Chowen JA, Horvath TL, Prevot V, Sharif A, Colledge WH, Tena-Sempere M, Romero-Ruiz A. Kisspeptin signaling in astrocytes modulates the reproductive axis. JOURNAL OF CLINICAL INVESTIGATION. 2024. -. DOI: 10.1172/JCI172908. IF: 13,3 Q1 D1	GC27
Podadera-Herreros A, Larriva APAD, Gutierrez-Mariscal FM, Alcalá-Díaz JF, Ojeda-Rodríguez A, Rodríguez-Cantalejo F, Cardelo MP, Rodríguez-Cano D, Torres-Peña JD, Luque RM, Ordovas JM, Perez-Martinez P, Delgado-Lista J, Lopez-Miranda J, Yubero-Serrano EM. Mediterranean diet as a strategy for preserving kidney function in patients with coronary heart disease with type 2 diabetes and obesity: a secondary analysis of CORDIOPREV randomized controlled trial. NUTRITION & DIABETES. 2024. -. DOI: 10.1038/s41387-024-00285-3. IF: 4,6 Q1 D1	GC27
Gutierrez-Mariscal FM, Lopez-Moreno A, Torres-Peña JD, Gomez-Luna P, Larriva APAD, Romero-Cabrera JL, Luque RM, Uribarri J, Perez-Martinez P, Delgado-Lista J, Yubero-Serrano EM, Lopez-Miranda J. Modulation of circulating levels of advanced glycation end products and its impact on intima-media thickness of both common carotid arteries: CORDIOPREV randomised controlled trial. CARDIOVASCULAR DIABETOLOGY. 2024. -. DOI: 10.1186/s12933-024-02451-4. IF: 8,5 Q1 D1	GC27
Costa AF, Peral A, Bravo F, Fernández F, Valverde R. Prevalence of basilar artery dolichoectasia in patients with acute ischemic stroke or transient ischemic attack in a single center of Spain. REVISTA DE NEUROLOGIA. 2024. 269-276. DOI: 10.33588/rn.7810.2023298. IF: 0,8 Q4 D	GC27
Fernández-Valverde F, Bautista-Bárcena MP, Roldán-Romero E, Solivera-Vela J, Bravo-Rodríguez F, Ramos-Gómez MJ. Prognostic value of brain perfusion by MRI in the initial study of high grade gliomas. RADIOLOGIA. 2024. 114-120. DOI: 10.1016/j.rx.2022.12.001. IF: 1,3 Q3 D	GC27
Gutierrez-Mariscal FM, Podadera-Herreros A, Alcalá-Díaz JF, Cardelo MP, Arenas-de Larriva AP, de la Cruz-ares S, Torres-Peña JD, Luque RM, Perez-Martinez P, Delgado-Lista J, Lopez-Miranda J, Yubero-Serrano EM. Reduction of circulating methylglyoxal levels by a Mediterranean diet is associated with preserved kidney function in patients with type 2 diabetes and coronary heart disease: From the CORDIOPREV randomized controlled trial. DIABETES & METABOLISM. 2024. -. DOI: 10.1016/j.diabet.2023.101503. IF: 4,6 Q1 D2	GC27
Alors-Pérez E, Blázquez-Encinas R, Moreno-Montilla MT, García-Vioque V, Jiménez-Vacas JM, Mafficini A, González-Borja I, Luchini C, Sánchez-Hidalgo JM, Sánchez-Frías ME, Pedraza-Arevalo S, Romero-Ruiz A, Lawlor RT, Viúdez A, Gahete MD, Scarpa A, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Spliceosomic dysregulation in pancreatic cancer uncovers splicing factors PRPF8 and RBMX as novel candidate actionable targets. MOLECULAR ONCOLOGY. 2024. 2524-2540. DOI: 10.1002/1878-0261.13658. IF: 5 Q1 D3	GC27
Sanjuan-Sanjuan A, Alors-Perez E, Sanchez-Frías M, Monserrat-Barbudo JA, Uceda MF, Heredero-Jung S, Luque RM. Splicing Machinery Is Impaired in Oral Squamous Cell Carcinomas and Linked to Key Pathophysiological Features. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25136929. IF: 4,9 Q1 D3	GC27
Montero-Hidalgo AJ, Jiménez-Vacas JM, Gómez-Gómez E, Porcel-Pastrana F, Sáez-Martínez P, Pérez-Gómez JM, Fuentes-Fayos AC, Blázquez-Encinas R, Sánchez-Sánchez R, González-Serrano T, Castro E, López-Soto PJ, Carrasco-Valiente J, Sarmento-Cabral A, Martínez-Fuentes AJ, EyraS E, Castaño JP, Sharp A, Olmos D, Gahete MD, Luque RM. SRSF6 modulates histone-chaperone HIRA splicing to orchestrate AR and E2F activity in prostate cancer. SCIENCE ADVANCES. 2024. -. DOI: 10.1126/sciadv.ado8231. IF: 11,7 Q1 D1	GC27

PUBLICATIONS	IMIBIC GROUP
Zapata-Arriaza E, Medina-Rodríguez M, Alvarez FM, de Alboniga-Chindurza A, Aguilar-Perez M, Ainz-Gomez L, Baena-Palomino P, Zamora A, Pardo-Galiana B, Delgado-Acosta F, Moyano RV, Jimenez-Gomez E, Rey IB, Fernandez RO, Escudero-Martinez I, Vielba-Gomez I, Caba LM, Perez JD, Molina EG, Mosteiro S, Rodrigo MDC, Pascasio LA, Hidalgo C, Guerrero MDF, Diaz EG, Moreno JMR, Prudencio LF, Izaga MT, Viturro SB, Gamero-Garcia MA, Jorge SJ, Fernandez CR, Montaner J, Garcia AG. Statistical analysis plan for the multicenter, open, randomized controlled clinical trial to assess the efficacy and safety of intravenous tirofiban vs aspirin in acute ischemic stroke due to tandem lesion, undergoing recanalization therapy by endovascular treatment (ATILA trial). TRIALS. 2024. -. DOI: 10.1186/s13063-023-07817-9. IF: 2 Q3 D	GC27
Lachiondo-Ortega S, Rejano-Gordillo CM, Simon J, Lopitz-Otsoa F, Delgado TC, Mazan-Mamczarz K, Goikoetxea-Usandizaga N, Zapata-Pavas LE, García-del Río A, Guerra P, Peña-Sanfélix P, Hermán-Sánchez N, Al-Abdulla R, Fernandez-Rodríguez C, Azkargorta M, Velázquez-Cruz A, Guyon J, Martín C, Zalamea JD, Egia-Mendikute L, Sanz-Parra A, Serrano-Maciá M, González-Recio I, Gonzalez-Lopez M, Martínez-Cruz LA, Pontisso P, Aransay AM, Barrio R, Sutherland JD, Abrescia NGA, Elortza F, Lujambio A, Banales JM, Luque RM, Gahete MD, Palazón A, Avila MA, Marin JGG, De S, Daubon T, Díaz-Quintana A, Díaz-Moreno I, Gorospe M, Rodríguez MS, Martínez-Chantar ML. SUMOylation controls Hu antigen R posttranscriptional activity in liver cancer. CELL REPORTS. 2024. -. DOI: 10.1016/j.celrep.2024.113924. IF: 7,5 Q1 D2	GC27
Ojeda-Rodríguez A, Rangel-Zuñiga OA, Arenas-de Larriva AP, Gutierrez-Mariscal FM, Torres-Peña JD, Romero-Cabrera JL, Podadera-Herreros A, García-Fernandez H, Porras-Pérez E, Luque RM, Kales SN, Perez-Martinez P, Delgado-Lista J, Yubero-Serrano EM, Lopez-Miranda J. Telomere length as biomarker of nutritional therapy for prevention of type 2 diabetes mellitus development in patients with coronary heart disease: CORDIOPREV randomised controlled trial. CARDIOVASCULAR DIABETOLOGY. 2024. -. DOI: 10.1186/s12933-024-02175-5. IF: 8,5 Q1 D1	GC27
Ojeda-Rodríguez A, Alcalá-Díaz JF, Rangel-Zuñiga OA, Arenas-de Larriva AP, Gutierrez-Mariscal FM, Torres-Peña JD, Mora-Ortiz M, Romero-Cabrera JL, Luque RM, Ordovas JM, Perez-Martinez P, Delgado-Lista J, Yubero-Serrano EM, Lopez-Miranda J. Telomere Maintenance Is Associated with Type 2 Diabetes Remission in Response to a Long-Term Dietary Intervention without Non-Weight Loss in Patients with Coronary Heart Disease: From the CORDIOPREV Randomized Controlled Trial. ANTIOXIDANTS. 2024. -. DOI: 10.3390/antiox13010125. IF: 6 Q1 D2	GC27
Blázquez-Encinas R, Alors-Pérez E, Moreno-Montilla MT, García-Vioque V, Sánchez-Frias ME, Mafficini A, López-Cánovas JL, Bousquet C, Gahete MD, Lawlor RT, Luque RM, Scarpa A, Arjona-Sánchez A, Pedraza-Arevalo S, Ibáñez-Costa A, Castaño JP. The Exon Junction Complex component EIF4A3 plays a splicing-linked oncogenic role in pancreatic ductal adenocarcinoma. CANCER GENE THERAPY. 2024. 1646-1657. DOI: 10.1038/s41417-024-00814-3. IF: 4,8 Q1 D2	GC27
Libero ML, Montero-Hidalgo AJ, Recinella L, Luque RM, Generali D, Acquaviva A, Orlando G, Ferrante C, Menghini L, Di Simone SC, Nilofar N, Chiavaroli A, Brunetti L, Leone S. The Protective Effects of an Aged Black Garlic Water Extract on the Prostate. NUTRIENTS. 2024. -. DOI: 10.3390/nu16173025. IF: 4,8 Q1 D2	GC27
Hermán-Sánchez N, G-García ME, Jiménez-Vacas JM, Yubero-Serrano EM, López-Sánchez LM, Romero-Martín S, Raya-Povedano JL, Alvarez-Benito M, Castaño JP, Luque RM, Gahete MD. The splicing machinery is dysregulated and represents a therapeutic vulnerability in breast cancer. CELLULAR AND MOLECULAR LIFE SCIENCES. 2024. -. DOI: 10.1007/s00018-024-05515-6. IF: 6,2 Q1 D2	GC27
Urbano-Gámez JD, Guzzi C, Bernal M, Solivera J, Martínez-Zubiaurre I, Caro C, García-Martín ML. Tumor versus Tumor Cell Targeting in Metal-Based Nanoparticles for Cancer Theranostics. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25105213. IF: 4,9 Q1 D3	GC27
Doval-Rosa C, Dorado-Capote FJ, Toledano-Delgado A, Sequí-Sabater JM, Carlos-Zamora R, Solivera-Vela J. Unveiling the importance of the endoscope in the sealing of the superior canal dehiscence syndrome, how we do it. NEUROCIRUGIA. 2024. 221-224. DOI: 10.1016/j.neucir.2024.05.001. IF: 0,7 Q4 D	GC27

PUBLICATIONS	IMIBIC GROUP
Camara-Perez J, Jimena I, Rodriguez-Cano MA, Sanz-Zorrilla A, Osuna-Soto J, Sanchez-Ramirez I, Sanchez-Medianero T, Galvez-Medina MJ, Ortega-Salas R, Leiva-Cepas F. Acute and chronic mammary periprosthetic histological changes of the muscle. JPRAS OPEN. 2024. 265-275. DOI: 10.1016/j.jptra.2024.06.010. IF: 1,5 Q3 D	GC28
Maya-Lopez M, Monsalvo-Maraver LA, Delgado-Arzate AL, Olivera-Perez CI, El-Hafidi M, Silva-Palacios A, Medina-Campos O, Pedraza-Chaverri J, Aschner M, Tinkov AA, Tunez I, Retana-Marquez S, Zazueta C, Santamaria A. Anandamide and WIN 55212-2 Afford Protection in Rat Brain Mitochondria in a Toxic Model Induced by 3-Nitropropionic Acid: an In Vitro Study. MOLECULAR NEUROBIOLOGY. 2024. 6435-6452. DOI: 10.1007/s12035-024-03967-2. IF: 4,6 Q1 D3	GC28
Serrano-Ortiz A, Romero-Cabrera JL, Villatoro JM, Cordero-Ramos J, Ruiz-Montero R, Ritoré A, Dopazo J, Salas JD, Sánchez VG, Salcedo-Leal I, de la Hoz MAA, Túnez I, Guzmán MA. Assessing COVID-19 Vaccine Effectiveness and Risk Factors for Severe Outcomes through Machine Learning Techniques: A Real-World Data Study in Andalusia, Spain. JOURNAL OF EPIDEMIOLOGY AND GLOBAL HEALTH. 2024. 1504-1517. DOI: 10.1007/s44197-024-00298-2. IF: 3,8 Q1 D2	GC28
Sabin J, Salas E, Martín-Martínez J, Candelieri-Merlicco A, Barrero FJ, Alonso A, Sánchez-Menoyo JL, Borrega L, Rodríguez-Rodríguez M, Gómez-Gutiérrez M, Eichau S, Hernandez-Pérez MA, Calles C, Fernández-Díaz E, Carmona O, Orvíz A, López-Real A, López-Muñoz P, Mendoza A, Agüera E, Maurino J, Ballesteros J. Assessing illness-related uncertainty in relapsing-remitting multiple sclerosis: A psychometric analysis of the Mishel Uncertainty of Illness Scale. MULTIPLE SCLEROSIS JOURNAL-EXPERIMENTAL TRANSLATIONAL AND CLINICAL. 2024. -. DOI: 10.1177/20552173241247680. IF: 2,5 Q2 D5	GC28
Oreja-Guevara C, Meca-Lallana JE, Díaz-Díaz J, 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 Torres L, 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, Sevilla RR, Vicente LG, Río J. Clinical characteristics and impact on patient-reported outcomes and quality of life of people with ambulatory secondary progressive multiple sclerosis: DISCOVER study. MULTIPLE SCLEROSIS AND RELATED DISORDERS. 2024. -. DOI: 10.1016/j.msard.2024.105787. IF: 2,9 Q2 D4	GC28
Spelman T, Herring WL, Acosta C, Hyde R, Jokubaitis VG, Pucci E, Lugaresi A, Laureys G, Havrdova EK, Horakova D, Izquierdo G, Eichau S, Ozakbas S, Alroughani R, Kalincik T, Duquette P, Girard M, Petersen T, Patti F, Csepany T, Granelia F, Grand’Maison F, Ferraro D, Karabudak R, Sa MJ, Trojano M, van Pesch V, Van Wijmeersch B, Cartechini E, Mcombe P, Gerlach O, Spitaleri D, Rozsa C, Hodgkinson S, Bergamaschi R, Gouider R, Soysal A, Prevost J, Garber J, de Gans K, Ampapa R, Simo M, Sanchez-Menoyo JL, Iuliano G, Sas A, van der Walt A, John N, Gray O, Hughes S, De Luca G, Onofrj M, Buzzard K, Skibina O, Terzi M, Slee M, Solaro C, Ramo-Tello C, Fragosó Y, Shaygannejad V, Moore F, Rajda C, Morales EA, Butzkueven H. Comparative effectiveness and cost-effectiveness of natalizumab and fingolimod in rapidly evolving severe relapsing-remitting multiple sclerosis in the United Kingdom. JOURNAL OF MEDICAL ECONOMICS. 2024. 109-125. DOI: 10.1080/13696998.2023.2293379. IF: 2,9 Q1 D2	GC28
Villena-Salinas J, Ortega-Lozano SJ, Amrani-Raissouni T, Agüera-Morales E, Caballero-Villarraso J. Comparative Study between the Diagnostic Effectiveness of Brain SPECT with [123I]loflupane and [123I]MIBG Scintigraphy in Multiple System Atrophy. BIOMEDICINES. 2024. -. DOI: 10.3390/biomedicines12010102. IF: 3,9 Q2 D4	GC28
Sabin J, Salas E, Martín-Martínez J, Candelieri-Merlicco A, Hernández FJB, Torres AMA, Sánchez-Menoyo JL, Borrega L, Rodríguez-Rodríguez M, Gómez-Gutiérrez M, Eichau S, Hernández-Pérez MA, Calles C, Fernandez-Diaz E, Carmona O, Orviz A, López-Real A, López-Muñoz P, Rodríguez AM, Aguera-Morales E, Maurino J. Decisional Conflict Regarding Disease-Modifying Treatment Choices Among Patients with Mid-Stage Relapsing-Remitting Multiple Sclerosis. PATIENT PREFERENCE AND ADHERENCE. 2024. 1163-1171. DOI: 10.2147/PPA.S459242. IF: 2 Q2 D4	GC28
Blanco-Acevedo C, Aguera-Morales E, Fuentes-Fayos AC, Pelaez-Viña N, Diaz-Pernalete R, Infante-Santos N, Muñoz-Jurado A, Porras-Pantojo MF, Ibáñez-Costa A, Luque RM, Solivera-Vela J. Decompressive Hemicraniectomy without Evacuation of Acute Intraparenchymal Hemorrhage. BIOMEDICINES. 2024. -. DOI: 10.3390/biomedicines12081666. IF: 3,9 Q2 D4	GC28

PUBLICATIONS	IMIBIC GROUP
Muñoz-Jurado A, López D, Escribano BM. Development of the determination of melatonin in blueberries using LC-MS/MS. FOOD BIOSCIENCE. 2024. -. DOI: 10.1016/j.fbio.2024.104222. IF: 4,8 Q1 D3	GC28
Saposnik G, Monreal E, Medrano N, García-Domínguez JM, Querol L, Meca-Lallana JE, Landete L, Salas E, Meca-Lallana V, García-Arcelay E, Agüera-Morales E, Martínez-Yélamos S, Gómez-Ballesteros R, Maurino J, Villar LM, Caminero AB. Does serum neurofilament light chain measurement influence therapeutic decisions in multiple sclerosis?. MULTIPLE SCLEROSIS AND RELATED DISORDERS. 2024. -. DOI: 10.1016/j.msard.2024.105838. IF: 2,9 Q2 D4	GC28
Gómez-Melero S, Caballero-Villarraso J, Escribano BM, Galvao-Carmona A, Túnez I, Agüera-Morales E. Impact of Cognitive Impairment on Quality of Life in Multiple Sclerosis Patients-A Comprehensive Review. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13113321. IF: 3 Q1 D2	GC28
Lopez-Espejo ME, Jimena I, Gil-Belmonte MJ, Rivero JLL, Pena-Amaro J. Influence of Physical Exercise on the Rehabilitation of Volumetric Muscle Loss Injury Reconstructed with Autologous Adipose Tissue. JOURNAL OF FUNCTIONAL MORPHOLOGY AND KINESIOLOGY. 2024. -. DOI: 10.3390/jfmk9040188. IF: 2,6 Q1 D3	GC28
Monsalvo-Maraver LA, Ovalle-Noguez EA, Nava-Osorio J, Maya-López M, Rangel-López E, Túnez I, Tinkov AA, Tizabi Y, Aschner M, Santamaria A. Interactions Between the Ubiquitin-Proteasome System, Nrf2, and the Cannabinoidome as Protective Strategies to Combat Neurodegeneration: Review on Experimental Evidence. NEUROTOXICITY RESEARCH. 2024. -. DOI: 10.1007/s12640-024-00694-3. IF: 2,9 Q2 D5	GC28
Cruz-Medel I, Peña-Toledo MA, Alburquerque-Sendín F, Rodrigues-de-Souza DP, Conde-Gavilán C, Jover-Sánchez AM, Carmona-Medialdea C, Agüera-Morales E. Lumbopelvic Muscle Mechanical Properties in Women with Multiple Sclerosis: A Cross-Sectional Case-Controlled Study. BIOMEDICINES. 2024. -. DOI: 10.3390/biomedicines12122925. IF: 3,9 Q1 D3	GC28
Podadera-Herreros A, Larriva APAD, Gutierrez-Mariscal FM, Alcalá-Díaz JF, Ojeda-Rodriguez A, Rodríguez-Cantalejo F, Cardelo MP, Rodríguez-Cano D, Torres-Peña JD, Luque RM, Ordovas JM, Perez-Martinez P, Delgado-Lista J, Lopez-Miranda J, Yubero-Serrano EM. Mediterranean diet as a strategy for preserving kidney function in patients with coronary heart disease with type 2 diabetes and obesity: a secondary analysis of CORDIOPREV randomized controlled trial. NUTRITION & DIABETES. 2024. -. DOI: 10.1038/s41387-024-00285-3. IF: 4,6 Q1 D1	GC28
Navarrete-Pérez A, Gómez-Melero S, Escribano BM, Galvao-Carmona A, Conde-Gavilán C, Peña-Toledo MA, Villarrubia N, Villar LM, Túnez I, Agüera-Morales E, Caballero-Villarraso J. MIND Diet Impact on Multiple Sclerosis Patients: Biochemical Changes after Nutritional Intervention. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms251810009. IF: 4,9 Q1 D3	GC28
Muñoz-Jurado A, Escribano BM, Galván A, Valdelvira ME, Caballero-Villarraso J, Giraldo AI, Santamaría A, Luque E, Agüera E, LaTorre M, Túnez I. Neuroprotective and antioxidant effects of docosahexaenoic acid (DHA) in an experimental model of multiple sclerosis. JOURNAL OF NUTRITIONAL BIOCHEMISTRY. 2024. -. DOI: 10.1016/j.jnutbio.2023.109497. IF: 4,8 Q1 D2	GC28
Pena-Garcia MV, Moyano-Gallego MJ, Gómez-Melero S, Molero-Payán R, Rodríguez-Cantalejo F, Caballero-Villarraso J. One-Year Impact of Occupational Exposure to Polycyclic Aromatic Hydrocarbons on Sperm Quality. ANTIOXIDANTS. 2024. -. DOI: 10.3390/antiox13101181. IF: 6 Q1 D2	GC28
Sabin J, Salas E, Martín-Martínez J, Candelieri-Merlicco A, Barrero FJ, Alonso A, Sánchez-Menoyo JL, Borrega L, Rodríguez-Rodríguez M, Gómez-Gutiérrez M, Eichau S, Hernández-Pérez MA, Calles C, Fernández-Díaz E, Carmona O, Orviz A, López-Real A, López-Muñoz P, Mendonza A, Agüera E, Maurino J. Perceived illness-related uncertainty among patients with mid-stage relapsing-remitting multiple sclerosis. MULTIPLE SCLEROSIS AND RELATED DISORDERS. 2024. -. DOI: 10.1016/j.msard.2024.105861. IF: 2,9 Q2 D4	GC28
Muñoz-Jurado A, Escribano BM. Presence of melatonin in foods of daily consumption: The benefit of this hormone for health. FOOD CHEMISTRY. 2024. -. DOI: 10.1016/j.foodchem.2024.140172. IF: 8,3 Q1 D1	GC28

PUBLICATIONS	IMIBIC GROUP
Fernández-Moreno R, Páez-Mega A, Rodríguez-Cano D, Salinas A, Rodríguez-Cantalejo F, Jurado A, Torre-Cisneros J, Cantisán S. QuantiFERON-CMV assay by chemiluminescence immunoassay: Is it more suitable for real-live monitoring of transplant patients?. JOURNAL OF CLINICAL VIROLOGY. 2024. -. DOI: 10.1016/j.jcv.2024.105651. IF: 4 Q2 D4	GC28
Aguirre C, Alonso-Torres A, Agüera E, García-Domínguez JM, Montero-Escribano P, González-Quintanilla V, Costa-Frossard L, Oreja-Guevara C, Reyes-Garrido V, Caminero-Rodríguez AB, Riancho J, Sánchez O, Forero L, Pérez-Parra F, Ares-Luque A, Téllez N, Arzalluz-Luque J, Iglesias F, Casado-Ruiz V, Castellano-Vicente AJ, Borrega L, Galán V, de Antonio LAR, Romero C, García-Rodríguez R, Cano-Orgaz AT, Sánchez-Menoyo JL, Pérez-Ruiz D, Gutiérrez-Martin F, Hernández-Echevarría L, Meca-Lallana V. Real-World Experience with Diroximel Fumarate in Patients with Multiple Sclerosis: A Prospective Multicenter Study. CLINICAL DRUG INVESTIGATION. 2024. 829-838. DOI: 10.1007/s40261-024-01397-5. IF: 2,9 Q2 D5	GC28
Dekeyser C, Hautekeete M, Cambron M, Van Pesch V, Patti F, Kuhle J, Khoury S, Scott JL, Gerlach O, Lugaresi A, Maimone D, Surcinelli A, Grammond P, Kalincik T, Habek M, Willekens B, Macdonell R, Lalive P, Csepany T, Butzkueven H, Boz C, Tomassini V, Foschi M, Sánchez-Menoyo JL, Altintas A, Mrabet S, Iuliano G, Sa MJ, Alroughani R, Karabudak R, Aguera-Morales E, Gray O, de Gans K, van der Walt A, McCombe PA, Deri N, Garber J, Al-Asmi A, Skibina O, Duquette P, Cartechini E, Spitaleri D, Gouider R, Soysal A, Van Hijfte L, Slee M, Amato MP, Buzzard K, Laureys G. Routine CSF parameters as predictors of disease course in multiple sclerosis: an MSBase cohort study. JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY. 2024. 1021-1031. DOI: 10.1136/jnnp-2023-333307. IF: 8,7 Q1 D1	GC28
Reyes-Soto CY, Ramírez-Carretero RJ, Ortiz-Alegría LB, Silva-Palacios A, Zazueta C, Galván-Arzate S, Karasu C, Túnez I, Tinkov AA, Aschner M, López-Goerne T, Anahí-Chavarría, Santamaría A. S-allyl-cysteine triggers cytotoxic events in rat glioblastoma RG2 and C6 cells and improves the effect of temozolomide through the regulation of oxidative responses. DISCOVER ONCOLOGY. 2024. -. DOI: 10.1007/s12672-024-01145-3. IF: 2,8 Q2 D5	GC28
Martin-Hersog FA, Munoz-Jurado A, Escribano BM, Luque E, Galvan A, LaTorre M, Giraldo AI, Caballero-Villarraso J, Aguera E, Santamaria A, Tunez I. Sodium chloride-induced changes in oxidative stress, inflammation, and dysbiosis in experimental multiple sclerosis. NUTRITIONAL NEUROSCIENCE. 2024. 74-86. DOI: 10.1080/1028415X.2022.2161132. IF: 3,6 Q2 D4	GC28
Ramírez-López F, García-Montes JR, Millán-Aldaco D, Palomero-Rivero M, Túnez-Fiñana I, Drucker-Colín R, Roldán-Roldán G. Transcranial Magnetic Stimulation Attenuates Dyskinesias and FosB and c-Fos Expression in a Parkinson’s Disease Model. BRAIN SCIENCES. 2024. -. DOI: 10.3390/brainsci14121214. IF: 2,7 Q3 D	GC28
Muñoz-Jurado A, Jurado-Martos F, Agüera E, Túnez I, Escribano BM. Use of Cyrene™, as an alternative to dimethyl sulfoxide, as a diluent for Melatonin to determine its in vitro antimicrobial capacity. ARCHIVES OF MICROBIOLOGY. 2024. -. DOI: 10.1007/s00203-024-04151-9. IF: 2,3 Q3 D	GC28
Fernández O, Montalbán X, Agüera E, Aladro Y, Alonso A, Arroyo R, Brieva L, Calles C, Costa-Frossard L, Eichau S, García-Domínguez JM, Hernández MA, Landete L, Llaneza M, Llufríu S, Meca-Lallana JE, Meca-Lallana V, Moral E, Prieto JM, Ramió-Torrentà L, Téllez N, Romero-Pinel L, Vilaseca A, Rodríguez-Antigüedad A. XVI Post-ECTRIMS Meeting: review of the new developments presented at the 2023 ECTRIMS Congress (I). REVISTA DE NEUROLOGIA. 2024. 21-29. DOI: 10.33588/rn.7901.2024170. IF: 0,8 Q4 D	GC28
Fernández O, Montalbán X, Agüera E, Aladro Y, Alonso A, Arroyo R, Brieva L, Calles C, Costa-Frossard L, Eichau S, García-Domínguez JM, Hernández MA, Landete L, Llaneza M, Llufríu S, Meca-Lallana JE, Meca-Lallana V, Moral E, Prieto JM, Ramió-Torrentà L, Téllez N, Romero-Pinel L, Vilaseca A, Rodríguez-Antigüedad A. XVI Post-ECTRIMS Meeting: review of the new developments presented at the 2023 ECTRIMS Congress (II). REVISTA DE NEUROLOGIA. 2024. 51-66. DOI: 10.33588/rn.7902.2024174. IF: 0,8 Q4 D	GC28
Gómez-Arias PJ, Gay-Mimbrera J, Rivera-Ruiz I, Aguilar-Luque M, Juan-Cencerrado M, Mochón-Jiménez C, Gómez-García F, Sánchez-González S, Ortega-Hernández A, Gómez-Garre D, Parra-Peralbo E, Isla-Tejera B, Ruano J. Association Between Scalp Microbiota Imbalance, Disease Severity, and Systemic Inflammatory Markers in Alopecia Areata. DERMATOLOGY AND THERAPY. 2024. 2971-2986. DOI: 10.1007/s13555-024-01281-2. IF: 3,5 Q1 D3	GC29

PUBLICATIONS	IMIBIC GROUP
Ruiz-Villaverde R, Rodriguez-Fernandez-Freire L, Cebolla-Verdugo M, Prados-Carmona A, Hernández-Montoya C, Armario-Hita JC, Galán-Gutiérrez M. Bimekizumab: Short-Term Effectiveness and Safety in Real Clinical Practice in Andalusia, Spain. LIFE-BASEL. 2024. -. DOI: 10.3390/life14030281. IF: 3,2 Q1 D3	GC29
Salido-Vallejo R, Antoñanzas J, Gómez-Arias P, Aguado L. Double subcutaneous island pedicle flap for reconstruction of large upper and central chin defects. JOURNAL DER DEUTSCHEN DERMATOLOGISCHEN GESELLSCHAFT. 2024. 727-729. DOI: 10.1111/ddg.15383. IF: 5,5 Q1 D1	GC29
Sanz-Cabanillas JL, Gómez-García F, Gómez-Arias PJ, Montilla-López A, Gay-Mimbrera J, Ruano J, Isla-Tejera B, Parra-Peralbo E. Efficacy and safety of anakinra and canakinumab in PSTPIP1-associated inflammatory diseases: a comprehensive scoping review. FRONTIERS IN IMMUNOLOGY. 2024. -. DOI: 10.3389/fimmu.2023.1339337. IF: 5,7 Q1 D3	GC29
Navarro-Trivino FJ, Salazar-Nievas M, Sanz-Cabanillas JL, Arjona-Aguilera C. Efficacy and safety of tralokinumab in the treatment of head and neck pattern atopic dermatitis: A multicentre study of 12 patients. AUSTRALASIAN JOURNAL OF DERMATOLOGY. 2024. 260-265. DOI: 10.1111/ajd.14264. IF: 2,2 Q2 D5	GC29
Thyssen JP, Silverberg JI, Ruano J, Blauvelt A, Gubelin W, Simpson EL, Weidinger S, Valdez H, Terry KK, Biswas P, Güler E, Feeney C. Optimizing maintenance therapy in responders to abrocitinib induction: A post hoc analysis of JADE REGIMEN. JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY. 2024. 2130-2138. DOI: 10.1111/jdv.20095. IF: 8,4 Q1 D1	GC29
Navarro-Triviño FJ, Galán-Gutiérrez M, Hita JCA, Ruiz-Villaverde R, Domínguez-Cruz J, Pereyra-Rodríguez JJ. Real-World Clinical Experience of Dupilumab in the Treatment of Chronic Palmo-Plantar Eczema in Patients with Moderate-Severe Atopic Dermatitis: 52-Week Follow-Up. DERMATITIS. 2024. S55-S61. DOI: 10.1089/derm.2023.0220. IF: 4 Q1 D2	GC29
Lluch-Galcerá JJ, Carrascosa JM, González-Quesada A, Rivera-Díaz R, Sahuquillo-Torralba A, Llamas-Velasco M, Gómez-García F, Herrera-Acosta E, de la Cueva P, Baniandrés-Rodríguez O, Lopez-Estebaranz JL, Belinchón I, Ferrán M, Mateu A, Rodríguez L, Riera-Monroig J, Abalde-Pintos MT, Carretero G, García-Donoso C, Pujol-Marco C, Del Alcázar E, Santamaría-Domínguez C, Suárez-Pérez JA, Nieto-Benito LM, Ruiz-Genao D, Salgado-Boquete L, Descalzo MA, García-Doval I. Safety of biologic therapy in combination with methotrexate in moderate to severe psoriasis: a cohort study from the BIOBADADERM registry. BRITISH JOURNAL OF DERMATOLOGY. 2024. 355-363. DOI: 10.1093/bjd/ljad382. IF: 11 Q1 D1	GC29
Del Duca E, Dahabreh D, Kim M, Bar J, Da Rosa JC, Rabinowitz G, Facheris P, Arias PJG, Chang AN, Utti V, Chowdhury A, Liu Y, Estrada YD, Laculiceanu A, Agache I, Guttman-Yassky E. Transcriptomic evaluation of skin tape-strips in children with allergic asthma uncovers epidermal barrier dysfunction and asthma-associated biomarkers abnormalities. ALLERGY. 2024. 1516-1530. DOI: 10.1111/all.16060. IF: 12,6 Q1 D1	GC29
Armario-Hita JC, Pereyra-Rodriguez JJ, González-Quesada A, Herranz P, Suarez R, Galan-Gutiérrez M, Rodríguez-Serna M, de Frutos JO, Carrascosa JM, Serra-Baldrich E, Ara-Martin M, Figueras-Nart I, Silvestre JF, Zaragoza-Ninet V, Ruiz-Villaverde R. Treatment of atopic dermatitis with abrocitinib in real practice in Spain: efficacy and safety results from a 24-week multicenter study. INTERNATIONAL JOURNAL OF DERMATOLOGY. 2024. e289-e295. DOI: 10.1111/ijd.17344. IF: 3,5 Q1 D3	GC29
Alors-Pérez E, Pedraza-Arevalo S, Blázquez-Encinas R, García-Vioque V, Agraz-Doblas A, Yubero-Serrano EM, Sánchez-Frías ME, Serrano-Blanch R, Gálvez-Moreno MA, Gracia-Navarro F, Gahete MD, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Altered CELF4 splicing factor enhances pancreatic neuroendocrine tumors aggressiveness influencing mTOR and everolimus response. MOLECULAR THERAPY NUCLEIC ACIDS. 2024. -. DOI: 10.1016/j.omtn.2023.102090. IF: 6,5 Q1 D2	GC30
Herrera-Martínez AD, Fuentes-Fayos AC, Sanchez-Sanchez R, Montero AJ, Sarmento-Cabral A, Gálvez-Moreno MA, Gahete MD, Luque RM. Does Telotristat Have a Role in Preventing Carcinoid Heart Disease?. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25042036. IF: 4,9 Q1 D3	GC30

PUBLICATIONS	IMIBIC GROUP
Sáez-Martínez P, Porcel-Pastrana F, Montero-Hidalgo AJ, de la Haba SL, Sanchez-Sanchez R, González-Serrano T, Gómez-Gómez E, Martínez-Fuentes AJ, Jiménez-Vacas JM, Gahete MD, Luque RM. Dysregulation of RNA-Exosome machinery is directly linked to major cancer hallmarks in prostate cancer: Oncogenic role of PABPN1. CANCER LETTERS. 2024. -. DOI: 10.1016/j.canlet.2023.216604. IF: 9,1 Q1 D2	GC30
Alvarado-Tapias E, Maya-Miles D, Albillos A, Aller R, Ampuero J, Andrade RJ, Arechederra M, Aspichueta P, Banales JM, Blas-Garcia A, Caparros E, Delgado TC, Carrillo-Vico A, Claria J, Cubero FJ, Diaz-Ruiz A, Fernandez-Barrena MG, Fernandez-Iglesias A, Fernandez-Veledo S, Frances R, Gallego-Duran R, Gracia-Sancho J, Irimia M, Lens S, Martinez-Chantar ML, Minguez B, Munoz-Hernandez R, Nogueiras R, Ramos-Molina B, Riveiro-Barciela M, Rodríguez-Peralvarez ML, Romero-Gomez M, Sabio G, Sancho-Bru P, Ventura-Cots M, Vidal S, Gahete MD. Proceedings of the 5th Meeting of Translational Hepatology, organized by the Spanish Association for the Study of the Liver (AEEH). GASTROENTEROLOGIA Y HEPATOLOGIA. 2024. -. DOI: 10.1016/j.gastrohep.2024.502207. IF: 2,2 Q3 D	GC30
Alors-Pérez E, Blázquez-Encinas R, Moreno-Montilla MT, García-Vioque V, Jiménez-Vacas JM, Mafficini A, González-Borja I, Luchini C, Sánchez-Hidalgo JM, Sánchez-Frías ME, Pedraza-Arevalo S, Romero-Ruiz A, Lawlor RT, Viúdez A, Gahete MD, Scarpa A, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Spliceosomic dysregulation in pancreatic cancer uncovers splicing factors PRPF8 and RBMX as novel candidate actionable targets. MOLECULAR ONCOLOGY. 2024. 2524-2540. DOI: 10.1002/1878-0261.13658. IF: 5 Q1 D3	GC30
Montero-Hidalgo AJ, Jiménez-Vacas JM, Gómez-Gómez E, Porcel-Pastrana F, Sáez-Martínez P, Pérez-Gómez JM, Fuentes-Fayos AC, Blázquez-Encinas R, Sánchez-Sánchez R, González-Serrano T, Castro E, López-Soto PJ, Carrasco-Valiente J, Sarmento-Cabral A, Martínez-Fuentes AJ, EyraS E, Castaño JP, Sharp A, Olmos D, Gahete MD, Luque RM. SRSF6 modulates histone-chaperone HIRA splicing to orchestrate AR and E2F activity in prostate cancer. SCIENCE ADVANCES. 2024. -. DOI: 10.1126/sciadv.ado8231. IF: 11,7 Q1 D1	GC30
Lachiondo-Ortega S, Rejano-Gordillo CM, Simon J, Lopitz-Otsoa F, Delgado TC, Mazan-Mamczarz K, Goikoetxea-Usandizaga N, Zapata-Pavas LE, García-del Río A, Guerra P, Peña-Sanfélix P, Hermán-Sánchez N, Al-Abdulla R, Fernandez-Rodríguez C, Azkargorta M, Velázquez-Cruz A, Guyon J, Martín C, Zalamea JD, Egia-Mendikute L, Sanz-Parra A, Serrano-Maciá M, González-Recio I, Gonzalez-Lopez M, Martínez-Cruz LA, Pontisso P, Aransay AM, Barrio R, Sutherland JD, Abrescia NGA, Elortza F, Lujambio A, Banales JM, Luque RM, Gahete MD, Palazón A, Avila MA, Marín JJG, De S, Daubon T, Díaz-Quintana A, Díaz-Moreno I, Gorospe M, Rodríguez MS, Martínez-Chantar ML. SUMOylation controls Hu antigen R posttranscriptional activity in liver cancer. CELL REPORTS. 2024. -. DOI: 10.1016/j.celrep.2024.113924. IF: 7,5 Q1 D2	GC30
Blázquez-Encinas R, Alors-Pérez E, Moreno-Montilla MT, García-Vioque V, Sánchez-Frias ME, Mafficini A, López-Cánovas JL, Bousquet C, Gahete MD, Lawlor RT, Luque RM, Scarpa A, Arjona-Sánchez A, Pedraza-Arevalo S, Ibáñez-Costa A, Castaño JP. The Exon Junction Complex component EIF4A3 plays a splicing-linked oncogenic role in pancreatic ductal adenocarcinoma. CANCER GENE THERAPY. 2024. 1646-1657. DOI: 10.1038/s41417-024-00814-3. IF: 4,8 Q1 D2	GC30
Hermán-Sánchez N, G-García ME, Jiménez-Vacas JM, Yubero-Serrano EM, López-Sánchez LM, Romero-Martín S, Raya-Povedano JL, Alvarez-Benito M, Castaño JP, Luque RM, Gahete MD. The splicing machinery is dysregulated and represents a therapeutic vulnerability in breast cancer. CELLULAR AND MOLECULAR LIFE SCIENCES. 2024. -. DOI: 10.1007/s00018-024-05515-6. IF: 6,2 Q1 D2	GC30
Jiménez-Pastor JM, Rodríguez-Cortés F, López-Soto P, López-Coletto L, Meira e Cruz M. Cardiorespiratory and circadian clock markers in intensive care unit patients. DENTAL AND MEDICAL PROBLEMS. 2024. 797-801. DOI: 10.17219/dmp/191537. IF: 2,7 Q1 D3	GC31
Arevalo-Buitrago P, Collado MJB, Martínez AG, Villarejo RC, Recio MER, Díaz EQ, López FJD, Gomáriz AAM, García GEC, Montoro FJC, López-Soto PJ. Impact of nursing interventions on the prevention of ocular surface disorders in critical care patients: A systematic review. NURSING IN CRITICAL CARE. 2024. 1758-1767. DOI: 10.1111/nicc.13141. IF: 3 Q1 D1	GC31

PUBLICATIONS	IMIBIC GROUP
Prieto-Crespo V, Arevalo-Buitrago P, Olivares-Luque E, García-Arcos A, López-Soto PJ. Impact of Spiritual Support Interventions on the Quality of Life of Patients Who Receive Palliative Care: A Systematic Review. NURSING REPORTS. 2024. 1906-1921. DOI: 10.3390/nursrep14030142. IF: 2,4 Q1 D2	GC31
Montero-Hidalgo AJ, Jiménez-Vacas JM, Gómez-Gómez E, Porcel-Pastrana F, Sáez-Martínez P, Pérez-Gómez JM, Fuentes-Fayos AC, Blázquez-Encinas R, Sánchez-Sánchez R, González-Serrano T, Castro E, López-Soto PJ, Carrasco-Valiente J, Sarmento-Cabral A, Martínez-Fuentes AJ, EyraS E, Castaño JP, Sharp A, Olmos D, Gahete MD, Luque RM. SRSF6 modulates histone-chaperone HIRA splicing to orchestrate AR and E2F activity in prostate cancer. SCIENCE ADVANCES. 2024. -. DOI: 10.1126/sciadv.ado8231. IF: 11,7 Q1 D1	GC31
Alzola P, Buch-Vicente B, Sazatornil J, Puertas-Martin V, Fernández-Calvo B, Sánchez-Benavides G, Rueda-Revé L, Ramos F, Villarejo-Galende A, Contador I. A novel abbreviated version of the Luria neuropsychological diagnosis battery: reliability and convergent validity in Spanish older adults. JOURNAL OF CLINICAL AND EXPERIMENTAL NEUROPSYCHOLOGY. 2024. 579-587. DOI: 10.1080/13803395.2024.2368586. IF: 1,8 Q3 D	GC32
Cuadrado E, Arenas A, Tabernero C, Maldonado MA. A social norms campaign based positive intervention aimed at promoting protective behaviours. FRONTIERS IN PUBLIC HEALTH. 2024. -. DOI: 10.3389/fpubh.2024.1447335. IF: 3 Q2 D3	GC32
Vlasceanu M, Doell KC, Bak-Coleman JB, Todorova B, Berkebile-Weinberg MM, Grayson SJ, Patel Y, Goldwert D, Pei YF, Chakroff A, Pronizius E, van den Broek KL, Vlasceanu D, Constantino S, Morais MJ, Schumann P, Rathje S, Fang K, Aglioti SM, Alfano M, Alvarado-YepeZ AJ, Andersen A, Anseel F, Apps MAJ, Asadli C, Awuor FJ, Azevedo F, Basaglia P, Belanger JJ, Berger S, Bertin P, Bialek M, Bialobrzeska O, Blaya-Burgo M, Bleize DNM, Bo SM, Boecker L, Boggio PS, Borau S, Bos B, Bouguettaya A, Brauer M, Brick C, Brik T, Briker R, Brosch T, Buchel O, Buonauro D, Butalia R, Carvacho H, Chamberlain SAE, Chan HY, Chow D, Chung DG, Cian L, Cohen-Eick N, Contreras-Huerta LS, Contu D, Cristea V, Jurgiel V, Kácha O, Kankaanpää R, Keersmaecker J, Delcourt S, Delouvee S, Diel K, Douglas BD, Drupp MA, Dubey S, Ekmanis J, Elbaek CT, Elsherif M, Engelhard IM, Escher YA, Etienne TW, Farage L, Farias AR, Feuerriegel S, Findor A, Freira L, Friese M, Gains NP, Gallyamova A, Geiger SJ, Genschow O, Gjoneska B, Gkinopoulos T, Goldberg B, Goldenberg A, Gradidge S, Grassini S, Gray K, Grelle S, Griffin SM, Grigoryan L, Grigoryan A, Grigoryev D, Gruber J, Guilaran J, Hadar B, Hahnel UJJ, Halperin E, Harvey AJ, Haugestad CAP, Herman AM, Hershfield HE, Himichi T, Hine DW, Hofmann W, Howe L, Huaman-Chulluncuy ET, Huang GX, Ishii T, Ito A, Jia FL, Jost JT, Jovanovic V, Jurgiel D, Kácha O, Kantorowicz J, Kantorowicz-Reznichenko E, Mintz KK, Kaya I, Kaya O, Khachatryan N, Klas A, Klein C, Kloeckner CA, Koppel L, Kosachenko AI, Kothe EJ, Krebs R, Krosch AR, Krouwel APM, Kyrychenko Y, Lagomarsino M, Lamm C, Lange F, Cunningham JL, Lees J, Leung TY, Levy N, Lockwood PL, Longoni C, Ortega AL, Loschelder DD, Lu JG, Luo Y, Luomba J, Lutz AE, Majer JM, Markowitz E, Marsh AA, Mascarenhas KL, Mbilingi B, Mbungu W, Mchugh C, Meijers MHC, Mercier H, Mhagama FL, Michalakis K, Mikus N, Milliron S, Mitkidis P, Monge-Rodriguez FS, Mora YL, Moreau D, Motoki K, Moyano M, Mus M, Navajas J, Nguyen TL, Nguyen DM, Nguyen T, Niemi L, Nijssen SRR, Nilsonne G, Nitschke JP, Nockur L, Okura R, Öner S, Özdogru AA, Palumbo H, Panagopoulos C, Panasiti MS, Pärnamets P, Paruzel-Czachura M, Pavlov YG, Payán-Gómez C, Pearson AR, da Costa LP, Petrowsky HM, Pfattheicher S, Pham NT, Ponizovskiy V, Pretus C, Rêgo GG, Reimann R, Rhoads SA, Riano-Moreno J, Richter I, Röer JP, Rosa-Sullivan J, Ross RM, Sabherwal A, Saito T, Sarrasin O, Say N, Schmid K, Schmitt MT, Schoenegger P, Scholz C, Schug MG, Schulreich S, Shreedhar G, Shuman E, Sivan S, Sjästad H, Soliman M, Soud K, Spampatti T, Sparkman G, Spasovski O, Stanley SK, Stern JA, Strahm N, Suko Y, Sul S, Syropoulos S, Taylor NC, Tedaldi E, Tinhög G, Huynh LDT, Travaglino GA, Tsakiris M, Tüter I, Tyrala M, Ulug ÖM, Urbanek A, Valko D, van der Linden S, van Schie K, van Stekelenburg A, Vanags E, Västfjäll D, Vesely S, Vintr J, Vranka M, Wanguche PO, Willer R, Wojcik AD, Xu R, Yadav A, Zawisza M, Zhao X, Zhao JY, Zuk D, Van Bavel JJ. Addressing climate change with behavioral science: A global intervention tournament in 63 countries. SCIENCE ADVANCES. 2024. -. DOI: 10.1126/sciadv.adj5778. IF: 11,7 Q1 D1	GC32
Tabernero C, Rebollo-Román A, Villaécija-Rodríguez J, Luque B. Charting a path to health: The empowering influence of self-efficacy for the self-management of type 1 diabetes in children and adolescents. INTERNATIONAL JOURNAL OF PSYCHOLOGY. 2024. 1121-1132. DOI: 10.1002/ijop.13240. IF: 3,3 Q1 D2	GC32

PUBLICATIONS	IMIBIC GROUP
da Silva-Sauer L, Garcia RB, de Moura AE, Fernández-Calvo B. Does the d2 Test of Attention only assess sustained attention? Evidence of working memory processes involved. APPLIED NEUROPSYCHOLOGY-ADULT. 2024. 339-347. DOI: 10.1080/23279095.2021.2023152. IF: 1,4 Q3 D	GC32
Gutiérrez-Domingo T, Farhane-Medina NZ, Villaécija J, Vivas S, Tabernero C, Castillo-Mayén R, Luque B. Effectiveness of Mindfulness-Based Interventions with Respect to Psychological and Biomedical Outcomes in Young People with Type 1 Diabetes: A Systematic Review. HEALTHCARE. 2024. -. DOI: 10.3390/healthcare12181876. IF: 2,4 Q2 D5	GC32
Macias-Zambrano L, Cuadrado E, Carpio AJ. Factors that determine the connectedness with nature in rural and urban contexts. PLOS ONE. 2024. -. DOI: 10.1371/journal.pone.0309812. IF: 2,9 Q1 D3	GC32
Cuadrado E, Díaz-Carmona I, Alcantara-Manzanares J. Mediating and Moderating Factors Affecting Pro-environmental Decision-Making: A Spanish Study. AUSTRALIAN JOURNAL OF ENVIRONMENTAL EDUCATION. 2024. 651-661. DOI: 10.1017/ae.2024.9. IF: 2,2 Q1 D3	GC32
Cuadrado E, Jiménez-Rosa M, Ruiz-García M, Tabernero C. Mediating and Moderating Variables in the Relationship Between Emotional Demands and Teachers’ Emotional Exhaustion. JOURNAL OF WORK AND ORGANIZATIONAL PSYCHOLOGY-REVISTA DE PSICOLOGIA DEL TRABAJO Y DE LAS ORGANIZACIONES. 2024. 32-40. DOI: . IF: 2,4 Q2 D5	GC32
Rebollo-Román A, Tabernero-Urbieto MC, Villaécija J, Luque-Salas B. Mediterranean diet adherence and glycemic control in children and adolescents with type 1 diabetes. EUROPEAN JOURNAL OF PEDIATRICS. 2024. 453-460. DOI: 10.1007/s00431-023-05325-1. IF: 3 Q1 D2	GC32
Hidalgo-Muñoz AR, Tabernero C, Luque B. Network analysis to examine sex differences linked to emotional well-being in cardiovascular disease. JOURNAL OF HEALTH PSYCHOLOGY. 2024. 1404-1415. DOI: 10.1177/13591053241230263. IF: 2,5 Q2 D4	GC32
da Silva SP, de Castro CCM, Rabelo LN, Engelberth RC, Fernández-Calvo B, Fiuza FP. Neuropathological and sociodemographic factors associated with the cortical amyloid load in aging and Alzheimer’s disease. GEROSCIENCE. 2024. 621-643. DOI: 10.1007/s11357-023-00982-4. IF: 5,3 Q1 D2	GC32
da Silva-Sauer L, Garcia RB, Fonseca ÉKG, Fernández-Calvo B. Physical activity and its relationship to burden and health concerns in family caregivers of people with dementia. PSYCHOGERIATRICS. 2024. 165-173. DOI: 10.1111/psyg.13053. IF: 1,7 Q3 D	GC32
Zanatta F, Tabernero C, Steca P, Castillo-Mayén R, Cuadrado E, Luque B. Predicting Physical Activity and Quality of Life in Coronary Heart Disease Patients: An 18-Month Path Analysis of Motivational and Emotional Factors. HEALTH PSYCHOLOGY. 2024. 352-364. DOI: 10.1037/hea0001348. IF: 3,1 Q1 D2	GC32
Villaécija J, Luque B, Cuadrado E, Vivas S, Tabernero C. Psychometric Properties of the Revised Self-Efficacy for Diabetes Self-Management Scale among Spanish Children and Adolescents with Type 1 Diabetes. CHILDREN-BASEL. 2024. -. DOI: 10.3390/children11060662. IF: 2 Q2 D4	GC32
Arenas A, Cuadrado E, Castillo-Mayen R, Luque B, Rubio S, Gutierrez-Domingo T, Tabernero C. Spanish validation of the cardiac self-efficacy scale: a gender invariant measure. PSYCHOLOGY HEALTH & MEDICINE. 2024. 334-349. DOI: 10.1080/13548506.2023.2177683. IF: 2,3 Q2 D5	GC32
Cuadrado E, Farhane-Medina NZ, Tabernero C, Gutiérrez-Domingo T, Villaécija J. The Moderating Role of Perceived Efficacy of COVID-19 Prevention Measures on the Relation Between Perceived Risk and Perceived Mental Health. ANALES DE PSICOLOGIA. 2024. 12-19. DOI: 10.6018/analesps.515681. IF: 1,4 Q3 D	GC32
Contreras-Merino AM, Farhane-Medina NZ, Castillo-Mayén R. Unmasking Street Harassment in Spain: Prevalence, Psychological Impact, and the Role of Sexism in Women’s Experiences. SEX ROLES. 2024. 1136-1153. DOI: 10.1007/s11199-024-01500-2. IF: 3 Q1 D1	GC32
Sáez-Martínez P, Porcel-Pastrana F, Montero-Hidalgo AJ, de la Haba SL, Sanchez-Sanchez R, González-Serrano T, Gómez-Gómez E, Martínez-Fuentes AJ, Jiménez-Vacas JM, Gahete MD, Luque RM. Dysregulation of RNA-Exosome machinery is directly linked to major cancer hallmarks in prostate cancer: Oncogenic role of PABPN1. CANCER LETTERS. 2024. -. DOI: 10.1016/j.canlet.2023.216604. IF: 9,1 Q1 D2	GE05

PUBLICATIONS	IMIBIC GROUP
Portugal-Gaspar F, Lopez-Beltran A, Paner GP, Blanca A, Gómez EG, Montironi R, Cimdamore A, Bilé A, Volavsek M, Cheng L. Giant cell carcinoma of the urinary bladder. VIRCHOWS ARCHIV. 2024. 535-546. DOI: 10.1007/s00428-024-03858-w. IF: 3,4 Q1 D3	GE05
Salguero J, Chamorro L, Gómez-Gómez E, Robles JE, Campos JP. Graft survival and delayed graft function with normothermic regional perfusion and rapid recovery after circulatory death in kidney transplantation: a propensity score matching study. MINERVA UROLOGY AND NEPHROLOGY. 2024. 60-67. DOI: 10.23736/S2724-6051.23.05393-4. IF: 4,9 Q1 D2	GE05
García-Morales L, Contreras-Matos FJ, Blanca-Pedregosa A, Mellado-Castillero A, Campos-Hernández JP, Lara MF, Puche-Sanz I, Gómez-Gómez E. Multi-Centre Study of Progression Factors and Intravesical Recurrence in Patients with Urothelial Carcinoma of the Upper Urinary Tract. DIAGNOSTICS. 2024. -. DOI: 10.3390/diagnostics14222491. IF: 3 Q1 D2	GE05
Cimdamore A, Franzese C, DI Loreto C, Blanca A, Lopez-beltran A, Crestani A, Giannarini G, Tan PH, Carneiro BA, El-deiry WS, Montironi R, Cheng L. Predictive and prognostic biomarkers in urological tumours. PATHOLOGY. 2024. 228-238. DOI: 10.1016/j.pathol.2023.10.016. IF: 3,6 Q1 D3	GE05
Gómez-Gómez E, Martínez-Salamanca JI, Bianco F, Miles BJ, Burgos J, Quintas JJ, Cano-Castiñeira R, Gómez-Ferrer A, Rodríguez-Antolín A, Chéchile G, Fernández L, Martín A, Hidalgo P, Parramón M. ProsTAV, a clinically useful test in prostate cancer: an extension study. WORLD JOURNAL OF UROLOGY. 2024. -. DOI: 10.1007/s00345-024-05098-8. IF: 2,8 Q2 D3	GE05
Camara-Perez J, Jimena I, Rodriguez-Cano MA, Sanz-Zorrilla A, Osuna-Soto J, Sanchez-Ramirez I, Sanchez-Medianero T, Galvez-Medina MJ, Ortega-Salas R, Leiva-Cepas F. Acute and chronic mammary periprosthetic histological changes of the muscle. JPRAS OPEN. 2024. 265-275. DOI: 10.1016/j.jpra.2024.06.010. IF: 1,5 Q3 D	GE06
Gallo-Fernández I, López-Aguilera J, González-Manzanares R, Pericet-Rodríguez C, Carmona-Rico MJ, Perea-Armijo J, Castillo-Domínguez JC, Anguita-Sánchez M. Clinical differences between transthyretin cardiac amyloidosis and hypertensive heart disease. MEDICINA CLINICA. 2024. 205-212. DOI: 10.1016/j.medcli.2023.10.006. IF: 2,6 Q1 D3	GE06
Sánchez-Mendoza LM, Pérez-Sánchez C, García-Caballero C, Pérez-Rodríguez M, Calero-Rodríguez P, Vellón-García B, Moreno JA, Burón MI, de Cabo R, González-Reyes J, Villalba JM. CYB5R3 overexpression exhibits sexual dimorphism: Mitochondrial and metabolic adaptations in transgenic female mice during calorie restriction. FREE RADICAL BIOLOGY AND MEDICINE. 2024. 69-86. DOI: 10.1016/j.freeradbiomed.2024.07.034. IF: 7,1 Q1 D1	GE06
Pérez-Rodríguez M, García-Verdugo A, Sánchez-Mendoza LM, Muñoz-Martín A, Bolaños N, Pérez-Sánchez C, Moreno JA, Burón MI, de Cabo R, González-Reyes JA, Villalba JM. Cytochrome b5 reductase 3 overexpression and dietary nicotinamide riboside supplementation promote distinctive mitochondrial alterations in distal convoluted tubules of mouse kidneys during aging. AGING CELL. 2024. -. DOI: 10.1111/ace.14273. IF: 8 Q1 D1	GE06
Benitez-Velasco A, Alzas-Teomiro C, Gómez CZ, Jiménez CM, Aguilera JL, Crespin M, Vallejo-Casas JA, Gálvez-Moreno MA, Puerta MJM, Herrera-Martínez AD. Differences in the Evaluation of Malnutrition and Body Composition Using Bioelectrical Impedance Analysis, Nutritional Ultrasound, and Dual-Energy X-ray Absorptiometry in Patients with Heart Failure. NUTRIENTS. 2024. -. DOI: 10.3390/nu16101535. IF: 4,8 Q1 D2	GE06
Herrera-Martínez AD, Jiménez CM, Aguilera JL, Crespin MC, García GM, Moreno MAG, Continente AC, Puerta MJM. Mediterranean Diet, Vitamin D, and Hypercaloric, Hyperproteic Oral Supplements for Treating Sarcopenia in Patients with Heart Failure-A Randomized Clinical Trial. NUTRIENTS. 2024. -. DOI: 10.3390/nu16010110. IF: 4,8 Q1 D2	GE06
Ruiz AF, Ortiz MR, Irache CFA, Almodóvar AMR, Ortega MD, Martínez FE, Collazo AR, Campos GH, Alvarez-Ossorio MP, Rubio DM. New severity criteria for tricuspid regurgitation in a broad population of “real life” patients: Prevalence and prognostic impact. CURRENT PROBLEMS IN CARDIOLOGY. 2024. -. DOI: 10.1016/j.cpcardi.2023.102211. IF: 3 Q2 D4	GE06

PUBLICATIONS	IMIBIC GROUP
García-Caballero C, Guerrero-Hue M, Vallejo-Mudarra M, Antolin AP, Decouty-Pérez C, Sánchez-Mendoza LM, Villalba JM, González-Reyes JA, Opazo-Rios L, Vázquez-Carballo C, Herencia C, Leiva-Cepas F, Cortegano I, de Andrés B, Egido J, Egea J, Moreno JA. Nox4 is involved in acute kidney injury associated to intravascular hemolysis. FREE RADICAL BIOLOGY AND MEDICINE. 2024. 430-444. DOI: 10.1016/j.freeradbiomed.2024.10.283. IF: 7,1 Q1 D2	GE06
Herrera-Martínez AD, Jiménez CM, Romo AN, Aguilera JL, Crespín MC, Baena BT, Casado-Díaz A, Moreno MAG, Puerta MJM, Roger AJ. Nutritional Support Reduces Circulating Cytokines in Patients with Heart Failure. NUTRIENTS. 2024. -. DOI: 10.3390/nu16111637. IF: 4,8 Q1 D2	GE06
Mas-Fontao S, Civantos E, Boukichou N, Moreno JA, Tuomilehto J, Gabriel R, Egido J. Prevalence and factors linked to renal involvement in prediabetes patients across Europe in the ePREDICE trial. SCIENTIFIC REPORTS. 2024. -. DOI: 10.1038/s41598-024-79842-w. IF: 3,8 Q1 D2	GE06
Soto-Catalan M, Opazo-Rios L, Quiceno H, Lazaro I, Moreno JA, Gomez-Guerrero C, Egido J, Mas-Fontao S. Semaglutide Improves Liver Steatosis and De Novo Lipogenesis Markers in Obese and Type-2-Diabetic Mice with Metabolic-Dysfunction-Associated Steatotic Liver Disease. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25052961. IF: 4,9 Q1 D3	GE06
Rojas-Torres M, Beltrán-Camacho L, Martínez-Val A, Sánchez-Gomar I, Eslava-Alcón S, Rosal-Vela A, Jiménez-Palomares M, Doiz-Artázcoz E, Martínez-Torija M, Moreno-Luna R, Olsen JV, Duran-Ruiz MC. Unraveling the differential mechanisms of revascularization promoted by MSCs & ECFCs from adipose tissue or umbilical cord in a murine model of critical limb-threatening ischemia. JOURNAL OF BIOMEDICAL SCIENCE. 2024. -. DOI: 10.1186/s12929-024-01059-w. IF: 9 Q1 D1	GE06
Islam MM, Saha A, Trisha FA, Gonzalez-Andrades M, Patra HK, Griffith M, Chodosh J, Rajaiya J. An in vitro 3-dimensional Collagen-based Corneal Construct with Innervation Using Human Corneal Cell Lines. OPHTHALMOLOGY SCIENCE. 2024. -. DOI: 10.1016/j.xops.2024.100544. IF: 3,2 Q1 D2	GE07
Martínez-de-la-Casa JM, Marcos-Parra MT, Millá-Griñó E, Laborda T, Giménez-Gomez R, Larrosa JM, Urcola A, Teus MA, Perucho-Martínez S. Effectiveness and safety of XEN63 in patients with primary-open-angle glaucoma. SCIENTIFIC REPORTS. 2024. -. DOI: 10.1038/s41598-024-55287-z. IF: 3,8 Q1 D2	GE07
Simoliunas E, Ruedas-Torres I, Jiménez-Gómez Y, Edin E, Aghajanzadeh-Kiyaseh M, Zamani-Roudbaraki M, Asoklis R, Alksne M, Thathapudi NC, Poudel BK, Rinkunaite I, Asoklis K, Iesmantaitė M, Ortega-Llamas L, Makselis A, Munoz M, Baltriukiene D, Bukelskiene V, Gómez-Laguna J, González-Andrades M, Griffith M. Inflammation-suppressing cornea-in-a-syringe with anti-viral GF19 peptide promotes regeneration in HSV-1 infected rabbit corneas. NPJ REGENERATIVE MEDICINE. 2024. -. DOI: 10.1038/s41536-024-00355-1. IF: 6,4 Q1 D2	GE07
Sánchez-Vicente JL, López-Herrero F, Suárez-Pérez J, De Las Morenas-iglesias J, Franco-Ruedas C, Gonzalez-Jauregui-López B, Sotomayor-Toribio M, Rodríguez-Fernández CM, Contieri-Lambiase F, Moruno-Rodríguez A. Proliferative ischaemic retinopathy in a case of primary antiphospholipid syndrome. CLINICAL AND EXPERIMENTAL OPTOMETRY. 2024. 360-365. DOI: 10.1080/08164622.2023.2183817. IF: 1,7 Q3 D	GE07
Gonzalez LP, Ruiz-Ortiz M, Delgado M, Rodriguez S, Villalba R, Merino C, Casares J, Mesa D, de Lezo JS, Pan MN. Ross procedure: valve function, clinical outcomes and predictors after 25 years' follow-up. CURRENT PROBLEMS IN CARDIOLOGY. 2024. -. DOI: 10.1016/j.cpcardiol.2024.102410. IF: 3 Q2 D4	GE07
Alvarez FL, Fernández-Ramos JA, León RC, de la Rosa EI, Laso EL. Síndrome de pseudotumor cerebri en la población pediátrica: características clínicas, tratamiento y pronóstico. NEUROLOGIA. 2024. -. DOI: 10.1016/j.nrl.2021.04.013. IF: 2,9 Q2 D4	GE07
Calleja R, Medina-Fernández FJ, Bergillos-Giménez M, Durán M, Torres-Tordera E, Díaz-López C, Briceño J. A comprehensive evaluation of 80 consecutive robotic low anterior resections: impact of not mobilizing the splenic flexure alongside low-tie vascular ligation as a standardized technique. JOURNAL OF ROBOTIC SURGERY. 2024. -. DOI: 10.1007/s11701-024-01917-7. IF: 2,2 Q2 D4	GE09

PUBLICATIONS	IMIBIC GROUP
Camara-Perez J, Jimena I, Rodríguez-Cano MA, Sanz-Zorrilla A, Osuna-Soto J, Sanchez-Ramirez I, Sanchez-Medianero T, Galvez-Medina MJ, Ortega-Salas R, Leiva-Cepas F. Acute and chronic mammary periprosthetic histological changes of the muscle. JPRAS OPEN. 2024. 265-275. DOI: 10.1016/j.jpra.2024.06.010. IF: 1,5 Q3 D	GE09
Alors-Pérez E, Pedraza-Arevalo S, Blázquez-Encinas R, García-Vioque V, Agraz-Doblas A, Yubero-Serrano EM, Sánchez-Frías ME, Serrano-Blanch R, Gálvez-Moreno MA, Gracia-Navarro F, Gahete MD, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Altered CELF4 splicing factor enhances pancreatic neuroendocrine tumors aggressiveness influencing mTOR and everolimus response. MOLECULAR THERAPY NUCLEIC ACIDS. 2024. -. DOI: 10.1016/j.omtn.2023.102090. IF: 6,5 Q1 D2	GE09
Romero-Ruiz A, Granados-Rodríguez M, Bura FI, Valenzuela-Molina F, Rufián-Andújar B, Martínez-López A, Rodríguez-Ortiz L, Ortega-Salas R, Torres-Martínez M, Moreno-Serrano A, Castaño J, Michán C, Alhama J, Vázquez-Borrego MC, Arjona-Sánchez A. Breaking the Mucin Barrier: A New Affinity Chromatography-Mass Spectrometry Approach to Unveil Potential Cell Markers and Pathways Altered in Pseudomyxoma Peritonei. BIOLOGICAL PROCEDURES ONLINE. 2024. -. DOI: 10.1186/s12575-024-00239-0. IF: 3,7 Q1 D3	GE09
Casares-Jimenez M, Garcia-Garcia T, Suárez-Cárdenas JM, Perez-Jimenez AB, Martín MA, Caballero-Gómez J, Michán C, Corona-Mata D, Risalde MA, Perez-Valero I, Guerra R, Garcia-Bocanegra I, Rivero A, Rivero-Juarez A, Garrido JJ. Correlation of hepatitis E and rat hepatitis E viruses urban wastewater monitoring and clinical cases. SCIENCE OF THE TOTAL ENVIRONMENT. 2024. -. DOI: 10.1016/j.scitotenv.2023.168203. IF: 8,2 Q1 D1	GE09
Trinidad-Gutiérrez I, Vázquez-Borrego MC, Aguilera-Fernández E, Velez-Castaño JE, Muriel-López CE, Rodríguez-Ortíz L, Gómez A, Berchez-Moreno F, Hervás C, Romero-Ruiz A, Arjona-Sánchez A. Efficacy of systemic Chemotherapy on high-risk stage II and III Mucinous colon cancer. CHEMUTCA study part I. EJSO. 2024. -. DOI: 10.1016/j.ejso.2024.108642. IF: 3,5 Q1 D2	GE09
Torres E, Pellegrino G, Granados-Rodríguez M, Fuentes-Fayos AC, Velasco I, Coutteau-Robles A, Legrand A, Shanabrough M, Perdices-Lopez C, Leon S, Yeo SH, Manchishi SM, Sánchez-Tapia MJ, Navarro VM, Pineda R, Roa J, Naftolin F, Argente J, Luque RM, Chowen JA, Horvath TL, Prevot V, Sharif A, Colledge WH, Tena-Sempere M, Romero-Ruiz A. Kisspeptin signaling in astrocytes modulates the reproductive axis. JOURNAL OF CLINICAL INVESTIGATION. 2024. -. DOI: 10.1172/JCI172908. IF: 13,3 Q1 D1	GE09
Manuel DM, Gonzalo GD, Lidia RO, Manuel SHJ, Antonio GS, Angela CA, Sebastián RP, Francisca VM, Blanca RA, Carmen VBM, Antonio RR, Javier BD, Alvaro AS. Laparoscopic versus open approach for interval cytoreductive surgery and hyperthermic intraperitoneal chemotherapy (HIPEC) in advanced epithelial ovarian cancer: a matched comparative study. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES. 2024. 66-74. DOI: 10.1007/s00464-023-10508-w. IF: 2,4 Q2 D3	GE09
Alvaro-Sánchez E. Nursing care in the postoperative period after Glenn surgery. A case report. ENFERMERIA INTENSIVA. 2024. 146-158. DOI: 10.1016/j.enfi.2023.05.003. IF: 1,1 Q3 D	GE09
Rufián-Andújar B, Medina-Fernández FJ, Bergillos-Jiménez M, Díaz-López CA, Briceño-Delgado FJ. Robotic and transvaginal excision of rectal leiomyoma - a video vignette. COLORECTAL DISEASE. 2024. 397-398. DOI: 10.1111/codi.16832. IF: 2,9 Q2 D5	GE09
Alors-Pérez E, Blázquez-Encinas R, Moreno-Montilla MT, García-Vioque V, Jiménez-Vacas JM, Mafficini A, González-Borja I, Luchini C, Sánchez-Hidalgo JM, Sánchez-Frías ME, Pedraza-Arevalo S, Romero-Ruiz A, Lawlor RT, Viúdez A, Gahete MD, Scarpa A, Arjona-Sánchez A, Luque RM, Ibáñez-Costa A, Castaño JP. Spliceosomic dysregulation in pancreatic cancer uncovers splicing factors PRPF8 and RBMX as novel candidate actionable targets. MOLECULAR ONCOLOGY. 2024. 2524-2540. DOI: 10.1002/1878-0261.13658. IF: 5 Q1 D3	GE09
Blázquez-Encinas R, Alors-Pérez E, Moreno-Montilla MT, García-Vioque V, Sánchez-Frías ME, Mafficini A, López-Cánovas JL, Bousquet C, Gahete MD, Lawlor RT, Luque RM, Scarpa A, Arjona-Sánchez A, Pedraza-Arevalo S, Ibáñez-Costa A, Castaño JP. The Exon Junction Complex component EIF4A3 plays a splicing-linked oncogenic role in pancreatic ductal adenocarcinoma. CANCER GENE THERAPY. 2024. 1646-1657. DOI: 10.1038/s41417-024-00814-3. IF: 4,8 Q1 D2	GE09

PUBLICATIONS	IMIBIC GROUP
Campos PV, Vázquez-Borrego MC, Martínez-Quintanilla J, Cabot D, Romero-Ruiz A, Granados-Rodríguez M, Bura FI, García-Arranz M, García-Olmo D, Arjona-Sánchez A. Undetectable circulating tumor DNA confirms the inability of pseudomyxoma peritonei to systemic dissemination. EJSO. 2024. -. DOI: 10.1016/j.ejso.2024.108395. IF: 3,5 Q1 D2	GE09
Avila-Jiménez JL, Cantón-Habas V, Carrera-González MD, Rich-Ruiz M, Ventura S. A deep learning model for Alzheimer's disease diagnosis based on patient clinical records. COMPUTERS IN BIOLOGY AND MEDICINE. 2024. -. DOI: 10.1016/j.compbimed.2023.107814. IF: 7 Q1 D1	GE10
Vázquez-Sánchez F, Gómez-Menéndez AI, López-Veloso M, Calvo-Simal S, Lloria-Gil MC, Gónzalez-Santos J, Muñoz-Alcaraz MN, Jiménez-Vilchez AJ, González-Bernal JJ, García-López B. A Proposal for Neurography Referral in Patients with Carpal Tunnel Syndrome Based on Clinical Symptoms and Demographic Variables of 797 Patients. DIAGNOSTICS. 2024. -. DOI: 10.3390/diagnostics14030297. IF: 3 Q1 D2	GE10
Cebrino J, de la Cruz SP. A Worldwide Bibliometric Analysis of Published Literature Assessing Fear of COVID-19. CLINICS AND PRACTICE. 2024. 672-684. DOI: 10.3390/clinpract14030054. IF: 1,7 Q2 D4	GE10
Martínez-Angulo P, Rich-Ruiz M, Jiménez-Mérida MR, López-Quero S. Active listening, shared decision-making and participation in care among older women and primary care nurses: a critical discourse analysis approach from a gender perspective. BMC NURSING. 2024. -. DOI: 10.1186/s12912-024-02086-6. IF: 3,1 Q1 D1	GE10
Camara-Perez J, Jimena I, Rodriguez-Cano MA, Sanz-Zorrilla A, Osuna-Soto J, Sanchez-Ramirez I, Sanchez-Medianero T, Galvez-Medina MJ, Ortega-Salas R, Leiva-Cepas F. Acute and chronic mammary periprosthetic histological changes of the muscle. JPRAS OPEN. 2024. 265-275. DOI: 10.1016/j.jptra.2024.06.010. IF: 1,5 Q3 D	GE10
Company-Sancho MC, Rich-Ruiz M, Toledano MG, Cairós-Ventura LM, Perez JDG, de Pascual y Medina AM, Alba MPP, Estévez AIB, Poncelas MEA, Orihuela CR, Brito-Brito PR. Areas for Improvement and Barriers Identified in Measuring the Quality of Nursing Care: Perceptions of Patients and Professionals. NURSING REPORTS. 2024. 2896-2909. DOI: 10.3390/nursrep14040211. IF: 2,4 Q1 D2	GE10
Serrano-Ortiz A, Romero-Cabrera JL, Villatoro JM, Cordero-Ramos J, Ruiz-Montero R, Ritoré A, Dopazo J, Salas JD, Sánchez VG, Salcedo-Leal I, de la Hoz MAA, Túnez I, Guzmán MA. Assessing COVID-19 Vaccine Effectiveness and Risk Factors for Severe Outcomes through Machine Learning Techniques: A Real-World Data Study in Andalusia, Spain. JOURNAL OF EPIDEMIOLOGY AND GLOBAL HEALTH. 2024. 1504-1517. DOI: 10.1007/s44197-024-00298-2. IF: 3,8 Q1 D2	GE10
Meneses-Urrea LA, Vaquero-Abellán M, Arenas DV, Sandoval NB, Hernández-Carrillo M, Molina-Recio G. Colorectal and gastric cancer and its association with dietary patterns in Colombia. HELIYON. 2024. -. DOI: 10.1016/j.heliyon.2024.e34734. IF: 3,4 Q1 D3	GE10
Cantón-Habas V, Rich-Ruiz M, Martínez-Martos JM, Ramírez-Expósito MJ, Carrera-González MP. Determination of soluble tumor necrosis factor receptor II and secretory immunoglobulin A in saliva of patients with dementia. EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE. 2024. 1689-1696. DOI: 10.1007/s00406-023-01693-9. IF: 3,5 Q1 D3	GE10
Manuel RS, Paula ST, Isabel AF, Rafael GM, Pablo SM, Antonio RS, Daniel GS, Inmaculada LL. Development and validation of a new satisfaction scale for objective structured clinical assessments (S-OSCA): A multicenter cross-sectional study. NURSE EDUCATION TODAY. 2024. -. DOI: 10.1016/j.nedt.2024.106308. IF: 3,6 Q1 D1	GE10
Serrano-Cumplido A, Ruíz-García A, del Rio-Herrero A, Antón-Eguía PB, Micó-Pérez RM, Calderón-Montero A, Romero-Rodríguez E, Segura-Fragoso A, Martín-Sánchez V. Effect of the Omicron variant on cumulative incidence of infection and lethality during the sixth wave of the COVID-19 epidemic in Spain. MEDICINA DE FAMILIA-SEMERGEN. 2024. -. DOI: 10.1016/j.semerg.2023.102073. IF: 0,9 Q4 D	GE10
Pérula-Jiménez C, Romero-Rodríguez E, Fernández-García JA, Parras-Rejano JM, Carmona-Casado AB, Rich-Ruiz M, González-De la Rubia A, Baleato-Gomez J. Effectiveness of a Motivational Interviewing-Based Intervention in Decreasing Risky Alcohol Use in Primary Care Patients in Spain: A Controlled Clinical Trial. HEALTHCARE. 2024. -. DOI: 10.3390/healthcare12191970. IF: 2,4 Q2 D5	GE10

PUBLICATIONS	IMIBIC GROUP
Pérula-Jiménez C, Romero-Rodríguez E, Parras-Rejano JM, de la Rubia AG, Gómez JB, de Torres LAP. Effectiveness of a training program for the management of risky alcohol use in primary care professionals based on motivational interviewing. ATENCION PRIMARIA. 2024. -. DOI: 10.1016/j.aprim.2023.102835. IF: 1,8 Q2 D5	GE10
Villegas-Becerril E, Jimenez-Garcia C, Torres LAPD, Espinosa-Calvo M, Bueno-Serrano CM, Romero-Ruperto F, Gines-Santiago F, Moreno-Manzanaro MC, Muñoz-Gavilan JJ, Montes-Redondo G, Quesada-Roman MA, Linares-Ramirez MC, Parras-Rejano JM, Muñoz-Alcaraz N, Maestre-Serrano MD, Romero-Rodriguez EM. Efficacy of an aloe vera, chamomile, and thyme cosmetic cream for the prophylaxis and treatment of mild dermatitis induced by radiation therapy in breast cancer patients (the Alantel study). CONTEMPORARY CLINICAL TRIALS COMMUNICATIONS. 2024. -. DOI: 10.1016/j.conctc.2024.101288. IF: 1,4 Q4 D	GE10
Jimenez-Garcia C, Torres LAPD, Villegas-Becerril E, Muñoz-Gavilan JJ, Espinosa-Calvo M, Montes-Redondo G, Romero-Rodriguez E. Efficacy of an aloe vera, chamomile, and thyme cosmetic cream for the prophylaxis and treatment of mild dermatitis induced by radiation therapy in breast cancer patients: a controlled clinical trial (Alantel Trials). TRIALS. 2024. -. DOI: 10.1186/s13063-024-07901-8. IF: 2 Q3 D	GE10
Martín-Riobóo E, Turégano-Yedro M, Banegas JR. Evidence on the use of alternative substances and therapies in hypertension. HIPERTENSION Y RIESGO VASCULAR. 2024. 40-57. DOI: 10.1016/j.hipert.2023.11.001. IF: 1,2 Q3 D	GE10
Cebrino J, de la Cruz SP. Factors related to depression in adults with oral health problems in Spain (2017 to 2020). FRONTIERS IN PUBLIC HEALTH. 2024. -. DOI: 10.3389/fpubh.2024.1364119. IF: 3 Q2 D3	GE10
López-Ruiz MV, Pola M, Martín NE, Cassetti V, de los Santos TI, Azagra CBB. How to improve community engagement in health: Analysis of proposed actions following the implementation of a community engagement assessment tool. ATENCION PRIMARIA. 2024. -. DOI: 10.1016/j.aprim.2023.102847. IF: 1,8 Q2 D5	GE10
Stemler J, Yeghiazaryan L, Stephan C, Mohn KGI, Carcas-Sansuan AJ, Rodriguez ER, Moltó J, Mitxeltorena IV, Welte T, Zablockiene B, Akova M, Bethe U, Heringer S, Salmanton-García J, Jeck J, Tischmann L, Zarrouk M, Cüppers A, Biehl LM, Grothe J, Mellinghoff SC, Nacov JA, Neuhaann JM, Sprute R, Frías-Iniesta J, Negi R, Gaillard C, Saini G, León AG, Mallon PWG, Lammens C, Hotterbeekx A, Loens K, Malhotra-Kumar S, Goossens H, Kumar-Singh S, Koenig F, Posch M, Köhler P, Cornely OA. Immunogenicity, reactogenicity, and safety of a second booster with BNT162b2 or full-dose mRNA-1273: A randomized VACCELERATE trial in adults aged ≥75 years (EU-COVAT-1-AGED Part B). INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES. 2024. -. DOI: 10.1016/j.ijid.2024.107161. IF: 4,8 Q1 D2	GE10
Rico-Blazquez M, Esteban-Sepúlveda S, Sánchez-Ruano R, Aritztegui-Echenique AM, Artigues-Barbera EM, Brito-Brito PR, Casado-Ramirez E, Cidoncha-Moreno MA, Fabregat-Julve MI, FERIA-Raposo I, Hernandez-Pascual M, Lozano-Hernández C, Moreno-Casbas MT, Otones-Reyes P, Palmar-Santos AM, Pedraz-Marcos A, Romero-Rodriguez EM, Solé-Agusti MC, Taltavull-Aparicio JM, Vidal-Thomas MC, Gonzalez-Chorda VM. Impact of the COVID-19 pandemic on the self-care and health condition of the older adults. CUIDAMOS+75. A mixed methods study protocol. FRONTIERS IN PUBLIC HEALTH. 2024. -. DOI: 10.3389/fpubh.2024.1389641. IF: 3 Q2 D3	GE10
Díaz-Hidalgo S, Ranchal-Sanchez A, Jurado-Castro JM. Improvements in Jump Height, Speed, and Quality of Life through an 8-Week Strength Program in Male Adolescents Soccer Players. SPORTS. 2024. -. DOI: 10.3390/sports12030067. IF: 2,2 Q2 D4	GE10
Anguita-Gámez M, Vivas D, Ferrandis R, González-Manzanares R, Anguita M, Esteve-Pastor MA, 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, Catalá JC, Martín-Rioboo E, Molines A, Rodríguez-Contreras R, Carnero-Alcázar M, Marín F. Incidence and clinical impact of inappropriate periprocedural and perioperative management of antiplatelet therapy. MEDICINA CLINICA. 2024. 336-343. DOI: 10.1016/j.medcli.2024.04.020. IF: 2,6 Q1 D3	GE10
Sánchez IMB, Aristizábal-Duque CH, Cabeza JF, Alvarez MV, Aparicio-Martínez P, Abellán MV, Ortiz MR, Rubio MDM, del Pozo FJF. Influence of Cardiovascular Risk Factors and Metabolic Syndrome on Epicardial Adipose Tissue Thickness in Rural Spanish Children and Adolescents. NUTRIENTS. 2024. -. DOI: 10.3390/nu16193321. IF: 4,8 Q1 D2	GE10

PUBLICATIONS	IMIBIC GROUP
Abad-Corpa E, Rich-Ruiz M, Sánchez-López D, Ruiz CS, Casado-Ramírez E, Arregui-Gallego B, Moreno-Casbas MT, Munoz-Jiménez D, Vidal-Thomás MC, Company-Sancho MC, Orts-Cortés MI. Learning, internalisation and integration of the COVID-19 pandemic in healthcare workers: A qualitative document analysis. NURSING INQUIRY. 2024. -. DOI: 10.1111/nin.12673. IF: 2,2 Q1 D3	GE10
Ruiz-Salcedo S, Ranchal-Sanchez A, Ruiz-Moruno J, Montserrat-Villatoro J, Jurado-Castro JM, Romero-Rodríguez E. Multicentre Pilot Study to Evaluate the Efficacy of Targeted Exercise in Combination with Cytisinicline on Smoking Cessation at 12 Months: MEDSEC-CTA. HEALTHCARE. 2024. -. DOI: 10.3390/healthcare12242516. IF: 2,4 Q2 D5	GE10
García-Caballero C, Guerrero-Hue M, Vallejo-Mudarra M, Antolin AP, Decouty-Pérez C, Sánchez-Mendoza LM, Villalba JM, González-Reyes JA, Opazo-Rios L, Vázquez-Carballo C, Herencia C, Leiva-Cepas F, Cortegano I, de Andrés B, Egido J, Egea J, Moreno JA. Nox4 is involved in acute kidney injury associated to intravascular hemolysis. FREE RADICAL BIOLOGY AND MEDICINE. 2024. 430-444. DOI: 10.1016/j.freeradbiomed.2024.10.283. IF: 7,1 Q1 D2	GE10
Espina C, Feliu A, Vingut AG, Liddle T, Jimenez-Garcia C, Olaya-Caro I, Perula-De-Torres LA. Population-Based Cancer Prevention Education Intervention Through mHealth: A Randomized Controlled Trial. JOURNAL OF MEDICAL SYSTEMS. 2024. -. DOI: 10.1007/s10916-023-02026-y. IF: 3,5 Q1 D2	GE10
Pérula-Jiménez C, Romero-Rodríguez E, Fernández-Solana J, Fernández-García JA, Parras-Rejano JM, Pérula-de Torres LA, González-de la Rubia A, González-Santos J. Primary Care Professionals’ Empathy and Its Relationship to Approaching Patients with Risky Alcohol Consumption. HEALTHCARE. 2024. -. DOI: 10.3390/healthcare12020262. IF: 2,4 Q2 D5	GE10
Martínez-Martos JM, Cantón-Habas V, Rich-Ruiz M, Reyes-Medina MJ, Ramírez-Expósito MJ, Carrera-González MD. Sexual and Metabolic Differences in Hippocampal Evolution: Alzheimer’s Disease Implications. LIFE-BASEL. 2024. -. DOI: 10.3390/life14121547. IF: 3,2 Q1 D3	GE10
Luque-Alcaraz OM, Aparicio-Martínez P, Gomera A, Vaquero-Abellán M. The environmental awareness of nurses as environmentally sustainable health care leaders: a mixed method analysis. BMC NURSING. 2024. -. DOI: 10.1186/s12912-024-01895-z. IF: 3,1 Q1 D1	GE10
Curcio F, Abellán MV, Dioni E, de Lima MM, Zinabi OE, Saldaña MR. Validity and reliability of the italian-Neonatal skin risk assessment scale (i-NSRAS). INTENSIVE AND CRITICAL CARE NURSING. 2024. -. DOI: 10.1016/j.iccn.2023.103561. IF: 4,9 Q1 D1	GE10
Herrera-Martínez AD, Romo AN, León-Idougourram S, Muñoz-Jiménez C, Rodríguez-Alonso R, García GM, Camacho-Cardenosa M, Casado-Díaz A, Gálvez-Moreno MA, Puertas MJM, Roger AJ. Systemic Inflammation in Oncologic Patients Undergoing Systemic Treatment and Receiving Whey Protein-Based Nutritional Support. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25115821. IF: 4,9 Q1 D3	Allergic Immunology Unit
Gonzalez LP, Ruiz-Ortiz M, Delgado M, Rodriguez S, Villalba R, Merino C, Casares J, Mesa D, de Lezo JS, Pan MN. Ross procedure: valve function, clinical outcomes and predictors after 25 years’ follow-up. CURRENT PROBLEMS IN CARDIOLOGY. 2024. -. DOI: 10.1016/j.cpcardiol.2024.102410. IF: 3 Q2 D4	Cardiology Unit
Gallo-Fernández I, López-Aguilera J, González-Manzanares R, Pericet-Rodríguez C, Carmona-Rico MJ, Perea-Armijo J, Castillo-Domínguez JC, Anguita-Sánchez M. Clinical differences between transthyretin cardiac amyloidosis and hypertensive heart disease. MEDICINA CLINICA. 2024. 205-212. DOI: 10.1016/j.medcli.2023.10.006. IF: 2,6 Q1 D3	Cardiology Unit
De Heredia APLF, Ortiz MR, Cabeza AIP, Expósito AD, Valenzuela MIF, Bailén MC, Cubiles IAD, Vega AM, Aguilar MZ, Muñoz MC, Manrique TG, Llergo JT, Granados ALO, Fernández JJS, Cadenas JC, Rubio DM. Clinical outcomes and mortality in patients with atrial fibrillation and recently diagnosed lung cancer in oncology outpatient settings. CURRENT PROBLEMS IN CARDIOLOGY. 2024. -. DOI: 10.1016/j.cpcardiol.2023.102239. IF: 3 Q2 D4	Cardiology Unit
Maestre-Luque LC, Gonzalez-Manzanares R, de Lezo JS, Hidalgo F, Barreiro-Mesa L, de Juan J, Gallo I, Perea J, Alvarado M, Romero M, Ojeda S, Pan M. Complete vs. incomplete percutaneous revascularization in patients with chronic total coronary artery occlusion. FRONTIERS IN CARDIOVASCULAR MEDICINE. 2024. -. DOI: 10.3389/fcvm.2024.1443258. IF: 2,8 Q2 D4	Cardiology Unit

PUBLICATIONS	IMIBIC GROUP
Fernandez-Aviles C, Gonzalez-Manzanares R, Ojeda S, Castillo JC, Robles-Mezcua A, Anguita M, Mesa D, Pan MN. Diagnostic and Therapeutic Approaches for Heart Failure in Long-Term Survivors of Childhood Cancer. BIOMEDICINES. 2024. -. DOI: 10.3390/biomedicines12081875. IF: 3,9 Q2 D4	Cardiology Unit
Fernández-Avilés C, González-Manzanares R, Ojeda S, Molina J, Heredia C, Resua A, Hidalgo F, López-Aguilera J, Mesa D, Anguita M, Castillo JC, Pana M. Diastolic function assessment with left atrial strain in long-term survivors of childhood acute leukemia. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 60-68. DOI: 10.1016/j.rec.2023.05.001. IF: 7,2 Q1 D2	Cardiology Unit
Santos DL, Guerra AR, Flores VD, Sánchez MA. Embolic myocardial infarction secondary to marantic endocarditis in a patient with ulcerative colitis: case report. EUROPEAN HEART JOURNAL-CASE REPORTS. 2024. -. DOI: 10.1093/ehjcr/ytae617. IF: 0,8 Q4 D	Cardiology Unit
Anguita-Gámez M, Vivas D, Ferrandis R, González-Manzanares R, Anguita M, Esteve-Pastor MA, 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, Catalá JC, Martín-Rioboo E, Molines A, Rodríguez-Contreras R, Carnero-Alcázar M, Marín F. Incidence and clinical impact of inappropriate periprocedural and perioperative management of antiplatelet therapy. MEDICINA CLINICA. 2024. 336-343. DOI: 10.1016/j.medcli.2024.04.020. IF: 2,6 Q1 D3	Cardiology Unit
Sánchez IMB, Aristizábal-Duque CH, Cabeza JF, Alvarez MV, Aparicio-Martínez P, Abellán MV, Ortiz MR, Rubio MDM, del Pozo FJF. Influence of Cardiovascular Risk Factors and Metabolic Syndrome on Epicardial Adipose Tissue Thickness in Rural Spanish Children and Adolescents. NUTRIENTS. 2024. -. DOI: 10.3390/nu16193321. IF: 4,8 Q1 D2	Cardiology Unit
Jeronimo A, Nombela-Franco L, Simal P, Freixa X, Cerrato E, Cruz-Gonzalez I, Dueñas G, Veiga-Fernandez G, Goncalves-Ramirez LR, Garcia-Bias S, Fernández-Revuelta A, Cepas-Guillén P, Tomassini F, Lopez-Tejero S, Gonzalez-Manzanares R, Hernandez JMD, de Prado AP, Valero E, Gabani R, Travieso A, de Agustín JA, Tirado G, Jimenez-Quevedo P, Salinas P. Influence of procedural timing on the preventive yield of percutaneous patent foramen ovale closure. OPEN HEART. 2024. -. DOI: 10.1136/openhrt-2024-002870. IF: 2,8 Q2 D4	Cardiology Unit
Ruiz AF, Ortiz MR, Irache CFA, Almodóvar AMR, Ortega MD, Martínez FE, Collazo AR, Campos GH, Alvarez-Ossorio MP, Rubio DM. New severity criteria for tricuspid regurgitation in a broad population of “real life” patients: Prevalence and prognostic impact. CURRENT PROBLEMS IN CARDIOLOGY. 2024. -. DOI: 10.1016/j.cpcardiol.2023.102211. IF: 3 Q2 D4	Cardiology Unit
Hidalgo F, Gonzalez-Manzanares R, de Lezo JS, Gallo I, Alvarado M, Perea J, Maestre-Luque LC, Resúa A, Romero M, López-Benito M, de Prado AP, Ojeda S, Pan MN. The Usefulness of Coregistration with iFR in Tandem or Long Diffuse Coronary Lesions: The iLARDI Randomized Clinical Trial. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13154342. IF: 3 Q1 D2	Cardiology Unit
Pan MN, Pericet C, González-Manzanares R, Díaz MA, de Lezo JS, Hidalgo F, Alvarado M, Dueñas G, Gómez E, Espejo S, Perea J, Romero M, Ojeda S. Very long-term follow-up after aortic stenting for coarctation of the aorta. REVISTA ESPANOLA DE CARDIOLOGIA. 2024. 332-341. DOI: 10.1016/j.rec.2023.10.004. IF: 7,2 Q1 D2	Cardiology Unit
Ramírez AI. Surgical approach to the arteries of the lower extremities. CIRUGIA CARDIOVASCULAR. 2024. 153-160. DOI: 10.1016/j.circv.2024.01.006. IF: 0,3 Q4 D	Cardiovascular Surgery Unit
Ramírez AI. Surgical revascularization techniques of the lower limbs. CIRUGIA CARDIOVASCULAR. 2024. 170-174. DOI: 10.1016/j.circv.2024.02.005. IF: 0,4 Q4 D	Cardiovascular Surgery Unit
García-Martín A, Prados ME, Lastres-Cubillo I, Ponce-Díaz FJ, Cerero L, Garrido-Rodríguez M, Navarrete C, Pineda R, Rodríguez AB, Muñoz I, Moya J, Medeot A, Moreno JA, Chacón A, García-Revillo J, Muñoz E. Etrinabdione (VCE-004.8), a B55α activator, promotes angiogenesis and arteriogenesis in critical limb ischemia. JOURNAL OF TRANSLATIONAL MEDICINE. 2024. -. DOI: 10.1186/s12967-024-05748-w. IF: 6,1 Q2 D3	Cardiovascular Surgery Unit

PUBLICATIONS	IMIBIC GROUP
Podadera-Herreros A, Larriva APAD, Gutierrez-Mariscal FM, Alcala-Diaz JF, Ojeda-Rodriguez A, Rodriguez-Cantalejo F, Cardelo MP, Rodriguez-Cano D, Torres-Peña JD, Luque RM, Ordovas JM, Perez-Martinez P, Delgado-Lista J, Lopez-Miranda J, Yubero-Serrano EM. Mediterranean diet as a strategy for preserving kidney function in patients with coronary heart disease with type 2 diabetes and obesity: a secondary analysis of CORDIOPREV randomized controlled trial. NUTRITION & DIABETES. 2024. -. DOI: 10.1038/s41387-024-00285-3. IF: 4,6 Q1 D1	Clinical Analysis Unit
Pena-Garcia MV, Moyano-Gallego MJ, Gómez-Melero S, Molero-Payán R, Rodríguez-Cantalejo F, Caballero-Villarraso J. One-Year Impact of Occupational Exposure to Polycyclic Aromatic Hydrocarbons on Sperm Quality. ANTIOXIDANTS. 2024. -. DOI: 10.3390/antiox13101181. IF: 6 Q1 D2	Clinical Analysis Unit
Fernández-Moreno R, Páez-Mega A, Rodríguez-Cano D, Salinas A, Rodríguez-Cantalejo F, Jurado A, Torre-Cisneros J, Cantisán S. QuantiFERON-CMV assay by chemiluminescence immunoassay: Is it more suitable for real-live monitoring of transplant patients?. JOURNAL OF CLINICAL VIROLOGY. 2024. -. DOI: 10.1016/j.jcv.2024.105651. IF: 4 Q2 D4	Clinical Analysis Unit
Alvarez EV, García NZ, Romero JMG, Díaz-Fierros PR, Arana MDL, Pérez TR, Alvarez JS, Rodríguez GB, Bernardo VC, Gallego MJM. Sperm recovery from urine in men with retrograde ejaculation. ADVANCES IN LABORATORY MEDICINE-AVANCES EN MEDICINA DE LABORATORIO. 2024. 356-365. DOI: 10.1515/almed-2024-0109. IF: 1,1 Q4 D	Clinical Analysis Unit
Garcia-Fernandez H, Arenas-de Larriva AP, Lopez-Moreno J, Gutierrez-Mariscal FM, Romero-Cabrera JL, Molina-Abril H, Torres-Peña JD, Rodríguez-Cano D, Malagon MM, Ordovas JM, Delgado-Lista J, Perez-Martinez P, Lopez-Miranda J, Camargo A. Sex-specific differences in intestinal microbiota associated with cardiovascular diseases. BIOLOGY OF SEX DIFFERENCES. 2024. -. DOI: 10.1186/s13293-024-00582-7. IF: 4,9 Q1 D2	Clinical Analysis Unit
Costa AF, Fernández-Ramos JA, Cazorla C, López-Laso E. New-Onset Status Epilepticus in an 11-year-old Patient with Thyroid Autoimmune Dysfunction: A Case Report of Pediatric Hashimoto Encephalopathy. JOURNAL OF PEDIATRIC EPILEPSY. 2024. 92-95. DOI: 10.1055/s-0044-1788053. IF: 0,2 Q4 D	Clinical Neuro-physiology
Gómez-Arias PJ, Gay-Mimbrera J, Rivera-Ruiz I, Aguilar-Luque M, Juan-Cencerrado M, Mochón-Jiménez C, Gómez-García F, Sánchez-González S, Ortega-Hernández A, Gómez-Garre D, Parra-Peralbo E, Isla-Tejera B, Ruano J. Association Between Scalp Microbiota Imbalance, Disease Severity, and Systemic Inflammatory Markers in Alopecia Areata. DERMATOLOGY AND THERAPY. 2024. 2971-2986. DOI: 10.1007/s13555-024-01281-2. IF: 3,5 Q1 D3	Dermatology Unit
Osorio-Gómez GF, Ortiz-Alvarez J, Diaz-Ceca D, Guijarro-Sánchez C, Sánchez JCM, Crehuet PF. Brodalumab for moderate-severe hidradenitis suppurativa: An open-label multicentric cohort study in real clinical practice. AUSTRALASIAN JOURNAL OF DERMATOLOGY. 2024. 254-259. DOI: 10.1111/ajd.14267. IF: 2,2 Q2 D5	Dermatology Unit
Salido-Vallejo R, Antoñanzas J, Gómez-Arias P, Aguado L. Double subcutaneous island pedicle flap for reconstruction of large upper and central chin defects. JOURNAL DER DEUTSCHEN DERMATOLOGISCHEN GESELLSCHAFT. 2024. 727-729. DOI: 10.1111/ddg.15383. IF: 5,5 Q1 D1	Dermatology Unit
Haselgruber S, Fernandez-Crehuet-Serrano P, Fernandez-Ballesteros MD, Padial-Gomez A, Hernandez-Rodriguez JC, Ortiz-alvarez J, Navarro-Guillamon P, Membrive-Jimenez C, Cuenca-Barrales C, Molina-Leyva A. Insights into the Window of Opportunity and Outcome Measures in Patients with Moderate to Severe Hidradenitis Suppurativa Treated with Secukinumab: A Real-World Study. DERMATOLOGY AND THERAPY. 2024. 1875-1890. DOI: 10.1007/s13555-024-01209-w. IF: 3,5 Q1 D3	Dermatology Unit
Mansilla-Polo M, Pons-Benavent M, Fernandez-Crehuet P, Vilarrasa E, Albanell-Fernandez C, Morales-Tedone E, Rausell-Felix F, Alcala-Garcia R, Matellanes-Palacios M, Martin-Ezquerria G, Alfageme F, Ciudad-Blanco C, Lopez-Villaescusa MT, Garbayo-Salmons P, Martorell A, Escutia-Munoz B, Navarro-Blanco F, Martin-Torregrosa D, Cuenca-Barrales C, Molina-Leyva A, Botella-Estrada R. Real-world effectiveness and safety of bimekizumab for hidradenitis suppurativa: An ambispective observational study. AUSTRALASIAN JOURNAL OF DERMATOLOGY. 2024. e198-e202. DOI: 10.1111/ajd.14339. IF: 2,2 Q2 D5	Dermatology Unit

PUBLICATIONS	IMIBIC GROUP
Vañó-Galván S, Fernandez-Crehuet P, Garnacho G, Gómez-Zubiaur A, Hermosa-Gelbard A, Moreno-Arrones OM, Saceda-Corralo D, Serrano-Falcón C. Recommendations on the Clinical Management of Androgenetic Alopecia: A Consensus Statement From the Spanish Hair Disorders Group of the Spanish Academy of Dermatology and Venererology (AEDV). ACTAS DERMOSIFILIOGRAFICAS. 2024. T347-T355. DOI: 10.1016/j.ad.2023.10.043. IF: 3,8 Q1 D2	Dermatology Unit
Vañó-Galván S, Fernandez-Crehuet P, Garnacho G, Gómez-Zubiaur A, Hermosa-Gelbard A, Moreno-Arrones OM, Saceda-Corralo D, Serrano-Falcón C. Recommendations on the Clinical Management of Androgenetic Alopecia: A Consensus Statement From the Spanish Trichology Group of the Spanish Academy of Dermatology and Venererology (AEDV). ACTAS DERMOSIFILIOGRAFICAS. 2024. 347-355. DOI: 10.1016/j.ad.2023.10.013. IF: 3,8 Q1 D2	Dermatology Unit
Serrano-Ortiz A, Romero-Cabrera JL, Villatoro JM, Cordero-Ramos J, Ruiz-Montero R, Ritoré A, Dopazo J, Salas JD, Sánchez VG, Salcedo-Leal I, de la Hoz MAA, Túnez I, Guzmán MA. Assessing COVID-19 Vaccine Effectiveness and Risk Factors for Severe Outcomes through Machine Learning Techniques: A Real-World Data Study in Andalusia, Spain. JOURNAL OF EPIDEMIOLOGY AND GLOBAL HEALTH. 2024. 1504-1517. DOI: 10.1007/s44197-024-00298-2. IF: 3,8 Q1 D2	Digestive System Medicine Unit
Zamora-Olaya JM, Tejero-Jurado R, Alañón-Martínez PE, Prieto-Torre M, Rodríguez-Medina C, Montero JL, Sánchez-Frías M, Briceño J, Ciria R, Barrera P, Poyato A, de la Mata M, Rodríguez-Perálvarez ML. Donor Atheromatous Disease is a Risk Factor for Hepatic Artery Thrombosis After Liver Transplantation. CLINICAL TRANSPLANTATION. 2024. -. DOI: 10.1111/ctr.15405. IF: 1,9 Q2 D5	Digestive System Medicine Unit
Ferreiro-Iglesias R, Silva SP, Marín S, Casanova MJ, Mañosa M, González-Muñoz C, de Francisco R, Caballol B, Arias L, Piqueras M, Zabana Y, Rivero M, Calvet X, Mesonero F, Trastoy PV, Nistal RB, Perosanz RG, Vega P, Gonzalez-Vivo M, Iborra M, Bermejo F, Madero L, Rodríguez-Lago I, Gonzalez MR, Vera I, Díaz AP, Vela M, Medina LT, Van Domselaar M, Gomollón F, Iglesias E, Gisbert JP, Calafat M, Giordano A, Pérez-Martínez I, Ricart E, Sicilia B, Mena R, Esteve M, Rivas C, Brunet-Mas E, Fernández C, Turrión MAD, Jiménez BV, Calvo MQ, Expósito CR, Márquez-Mosquera L, Nos P, Granja A, Gutiérrez A, Cabriada JL, Cruz DH, Calvo M, Pérez JP, Díaz YR, Casal DB, Menacho M, Leal C, Lucendo AJ, Royo V, Olivares S, Herrero BA, Carrillo-Palau M, Alvarez PG, Marcos NM, Martínez-Pérez TD, Villafranca MCM, Almela P, Argüelles-Arias F, Legido J, Coronel AMF, Nieto L, Domènech E, Acosta MBD. Need for therapeutic escalation in patients with refractory ulcerative proctitis: Results from the PROCU study of the ENEIDA registry. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2024. 604-612. DOI: 10.1111/apt.18133. IF: 6,6 Q1 D1	Digestive System Medicine Unit
Ampuero J, Lucena A, Berenguer M, Hernández-Guerra M, Molina E, Gómez-Camarero J, Valdivia C, Gómez E, Casado M, Alvarez-Navascuez C, Jorquera F, García-Buey L, Díaz-González A, Morillas R, García-Retortillo M, Sousa JM, Pérez-Medrano I, Simón MA, Martinez J, Arenas J, Londoño MC, Oliveira A, Fernández-Rodríguez C. Predictive factors for decompensating events in cirrhotic patients with primary biliary cholangitis under different lines of therapy. HEPATOLOGY. 2024. 887-900. DOI: 10.1097/HEP.0000000000000826. IF: 12,9 Q1 D1	Digestive System Medicine Unit
Aldars-García L, Gil-Redondo R, Embade N, Riestra S, Rivero M, Gutiérrez A, Rodríguez-Lago I, Fernández-Salazar L, Ceballos D, Benitez JM, Aguas M, Baston-Rey I, Bermejo F, Casanova MJ, Lorente R, Ber Y, Ginard D, Esteve M, de Francisco R, García MJ, Francés R, Pescador AR, Velayos B, del Río EG, Pedrosa SM, Sabater AM, Acosta MBD, Algaba A, Gil CV, Rivas O, Royo V, Aceituno M, Garre A, Baldán-Martín M, Ramírez C, Sanz-García A, Lozano JJ, Sidorova J, Millet O, Bernardo D, Gisbert JP, Chaparro M. Serum and Urine Metabolomic Profiling of Newly Diagnosed Treatment-Naive Inflammatory Bowel Disease Patients. INFLAMMATORY BOWEL DISEASES. 2024. 167-182. DOI: 10.1093/ibd/izad154. IF: 4,5 Q1 D3	Digestive System Medicine Unit
Aguas M, Del Hoyo J, Vicente R, Barreiro-de Acosta M, Melcarne L, Hernandez-Camba A, Madero L, Arroyo MT, Sicilia B, Chaparro M, Martin-Arranz MD, Pajares R, Mesonero F, Mañosa M, Martinez P, Chacón S, Tosca J, Marín S, Sanroman L, Calvo M, Monfort D, Saiz E, Zabana Y, Guerra I, Varela P, Baydal V, Faubel R, Corsino P, Porto-Silva S, Brunet E, González M, Gutiérrez A, Nos P. Telemonitoring of Active Inflammatory Bowel Disease Using theApp TECCU:Short-Term Results of a Multicenter Trial of GETECCU. JOURNAL OF MEDICAL INTERNET RESEARCH. 2024. -. DOI: 10.2196/60966. IF: 5,8 Q1 D1	Digestive System Medicine Unit

PUBLICATIONS	IMIBIC GROUP
Doval-Rosa C, Dorado-Capote FJ, Toledano-Delgado A, Sequí-Sabater JM, Carlos-Zamora R, Solivera-Vela J. Unveiling the importance of the endoscope in the sealing of the superior canal dehiscence syndrome, how we do it. NEUROCIRUGIA. 2024. 221-224. DOI: 10.1016/j.neucir.2024.05.001. IF: 0,7 Q4 D	Ear, Nose and Throat Medicine
Benitez-Velasco A, Alzas-Teomiro C, Gómez CZ, Jiménez CM, Aguilera JL, Crespin M, Vallejo-Casas JA, Gálvez-Moreno MA, Puerta MJM, Herrera-Martínez AD. Differences in the Evaluation of Malnutrition and Body Composition Using Bioelectrical Impedance Analysis, Nutritional Ultrasound, and Dual-Energy X-ray Absorptiometry in Patients with Heart Failure. NUTRIENTS. 2024. -. DOI: 10.3390/nu16101535. IF: 4,8 Q1 D2	Endocrinology Unit
Almeida JMG, Pareja IMC, Jiménez RF, Pérez YL, Garrido MJ, Padín CA, Alfaro-Martínez JJ, Gosalbez MDA, Pla MA, Carril VA, Artero A, Cayón-Blanco M, Olmedo LAC, Pereg LD, Perojo ED, Muñiz-Alique MD, García PD, de Bobadilla-Pascual BF, Soto MLF, Tudanc SF, Gascón JMG, Irlés-Rocamora JA, Rodríguez LJ, Iglesias OL, Callau FL, García GM, Marco-Alacid C, Cobos MP, Sierra MEM, Gayos LO, Alcolea JO, Cunill JLP, Alonso OP, Pérez MIR, Paloma JMR, Rodríguez JJS, Carreras PS, Vizcaino BV, Wu-Xiong NY. Improving the nutritional care of oncology patients - Validation of a multidisciplinary protocol in the Spanish clinical setting. NUTRICION HOSPITALARIA. 2024. 758-765. DOI: 10.20960/nh.05043. IF: 1,2 Q4 D	Endocrinology Unit
Herrera-Martínez AD, Romo AN, León-Idougourram S, Muñoz-Jiménez C, Rodríguez-Alonso R, García GM, Camacho-Cardenosa M, Casado-Díaz A, Gálvez-Moreno MA, Puertas MJM, Roger AJ. Systemic Inflammation in Oncologic Patients Undergoing Systemic Treatment and Receiving Whey Protein-Based Nutritional Support. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25115821. IF: 4,9 Q1 D3	Endocrinology Unit
Roman DD, Almeida JMG, Guerrero DB, Rolo GG, Martín A, Martín DP, García-Delgado Y, Guirado-Peláez P, Palmas F, Pérez CT, Olivares MG, Jiménez MM, Lesmes IB, Teomiro CMA, Baena JMG, Romero LAC, Prior-Sánchez I, García-Luna PP, Pacheco MG, Martínez-Olmos MA, Alabadí B, Alcántara-Aragon V, Milla SP, Folgueras TM, García AM, Molina-Baena B, Barragán HR, Gómez PRD, Fernández MR, Portilla AJ, López-Gómez JJ, Martín NP, Madrid NM, Eguinoa AZ, Fernández CP, Guerrero MJT, Aguado MR, Gimeno CV, Martínez ADH, Rodríguez MN, Hernández NCI, Medina MD, Navarro IG, López FJV, Fernández-Pombo A, Olveira G. Ultrasound Cut-Off Values for Rectus Femoris for Detecting Sarcopenia in Patients with Nutritional Risk. NUTRIENTS. 2024. -. DOI: 10.3390/nu16111552. IF: 4,8 Q1 D2	Endocrinology Unit
Herrera-Martínez AD, Jiménez CM, Aguilera JL, Crespin MC, García GM, Moreno MAG, Continente AC, Puerta MJM. Mediterranean Diet, Vitamin D, and Hypercaloric, Hyperproteic Oral Supplements for Treating Sarcopenia in Patients with Heart Failure-A Randomized Clinical Trial. NUTRIENTS. 2024. -. DOI: 10.3390/nu16010110. IF: 4,8 Q1 D2	Endocrinology Unit
Rufián-Andújar B, Medina-Fernández FJ, Bergillos-Jiménez M, Díaz-López CA, Briceño-Delgado FJ. Robotic and transvaginal excision of rectal leiomyoma - a video vignette. COLORECTAL DISEASE. 2024. 397-398. DOI: 10.1111/codi.16832. IF: 2,9 Q2 D5	General and Digestive Surgery Unit
Calleja R, Medina-Fernández FJ, Bergillos-Giménez M, Durán M, Torres-Tordera E, Díaz-López C, Briceño J. A comprehensive evaluation of 80 consecutive robotic low anterior resections: impact of not mobilizing the splenic flexure alongside low-tie vascular ligation as a standardized technique. JOURNAL OF ROBOTIC SURGERY. 2024. -. DOI: 10.1007/s11701-024-01917-7. IF: 2,2 Q2 D4	General and Digestive Surgery Unit
Trinidad-Gutiérrez I, Vázquez-Borrego MC, Aguilera-Fernández E, Velez-Castaño JE, Muriel-López CE, Rodríguez-Ortiz L, Gómez A, Berchez-Moreno F, Hervás C, Romero-Ruiz A, Arjona-Sánchez A. Efficacy of systemic Chemotherapy on high-risk stage II and III Mucnious colon cancer. CHEMUCCA study part I. EJSO. 2024. -. DOI: 10.1016/j.ejso.2024.108642. IF: 3,5 Q1 D2	General and Digestive Surgery Unit

PUBLICATIONS	IMIBIC GROUP
Perrone G, Giuffrida M, Abu-Zidan F, Kruger VF, Livrini M, Petracca GL, Rossi G, Tarasconi A, Tian BWCA, Bonati E, Mentz R, Mazzini FN, Campana JP, Gasser E, Kafka-Ritsch R, Felsenreich DM, Dawoud C, Riss S, Gomes CA, Gomes FC, Gonzaga RAT, Canton CAB, Pereira BM, Fraga GP, Zem LG, Cordeiro-Fonseca V, Tauil RD, Atanasov B, Belev N, Kovachev N, Meléndez LJJ, Dimova A, Dimov S, Zelic Z, Augustin G, Bogdanic B, Moric T, Chouillard E, Bajul M, De Simone B, Panis Y, Esposito F, Notarnicola M, Lauka L, Fabbri A, Hentati H, Fnaiech I, Aurélien V, Bougard M, Roulet M, Demetrashvili Z, Pipia I, Merabishvili G, Bouliaris K, Koukoulis G, Doudakmanis C, Xenaki S, Chrysos E, Kokkinakis S, Vassiliu P, Michalopoulos N, Margaris I, Kechagias A, Avgerinos K, Katunin J, Lostoridis E, Nagorni EA, Pujante A, Mulita F, Maroulis I, Vailas M, Marinis A, Siannis I, Bourbouteli E, Manatakis DK, Tasis N, Acheimastos V, Maria S, Stylianos K, Kuzeridis H, Korkolis D, Fradelos E, Kavalieratos G, Petropoulou T, Polydourou A, Papacostantinou I, Triantafyllou T, Kimpizi D, Theodorou D, Toutouzas K, Chamzin A, Frountzas M, Schizas D, Karavokyros I, Syllaios A, Charalabopoulos A, Boura M, Baili E, Ioannidis O, Loutzidou L, Anestiadou E, Tsouknidas I, Petrakis G, Polenta E, Bains L, Gupta R, Singh SK, Khanduri A, Bala M, Kedar A, Pisano M, Podda M, Pisanu A, Martines G, Trigiante G, Lantone G, Agrusa A, Di Buono G, Buscemi S, Veroux M, Gioco R, Veroux G, Oragano L, Zonta S, Lovisetto F, Feo CV, Pesce A, Fabbri N, Lantone G, Marino F, Perrone F, Vincenti L, Papagni V, Picciariello A, Rossi S, Picardi B, Del Monte SR, Visconti D, Osella G, Petruzzelli L, Pignata G, Andreuccetti J, D'Alessio R, Buonfantino M, Guaitoli E, Spinelli S, Sampietro GM, Corbellini C, Lorusso L, Frontali A, Pezzoli I, Bonomi A, Chierici A, Cotsoglou C, Manca G, Delvecchio A, Musa N, Casati M, Letizia L, Abate E, Ercolani G, D'Acapito F, Solaini L, Guercioni G, Cicconi S, Sasia D, Borghi F, Giraudo G, Sena G, Castaldo P, Cardamone E, Portale G, Zuin M, Spolverato Y, Esposito M, Isernia RM, Di Salvo M, Manunza R, Esposito G, Agus M, Asti ELG, Bernardi DT, Tonucci TP, Luppi D, Casadei M, Bonilauri S, Pezzolla A, Panebianco A, Laforgia R, De Luca M, Zese M, Parini D, Jovine E, De Sario G, Lombardi R, Aprea G, Palomba G, Capuano M, Argenio G, Orio G, Armellino MF, Troian M, Guerra M, Nagliati C, Biloslavo A, Germani P, Aizza G, Monsellato I, Chahrour AC, Anania G, Bombardini C, Bagolini F, Sganga G, Fransvea P, Bianchi V, Boati P, Ferrara F, Palmieri F, Ciani P, Gattulli D, Restini E, Cillara N, Cannavera A, Nita GE, Sarnari J, Roscio F, Clerici F, Scandroglio I, Berti S, Cadeo A, Filippelli A, Conti L, Grassi C, Cattaneo GM, Pighin M, Papis D, Gambino G, Bertino V, Schifano D, Prando D, Fogato L, Cavallo F, Ansaloni L, Picheo R, Pontarolo N, Depalma N, Spampinato M, D'Ugo S, Lepre L, Capponi MG, Campa RD, Sarro G, Dinuzzi VP, Olmi S, Uccelli M, Ferrari D, Inama M, Moretto G, Fontana M, Favi F, Picariello E, Rampini A, Barberis A, Azzinnaro A, Oliva A, Totaro L, Benzoni I, Ranieri V, Capolupo GT, Carannante F, Caricato M, Ronconi M, Casiraghi S, Casole G, Pantalone D, Alemanno G, Scheiterle M, Ceresoli M, Cereda M, Fumagalli C, Zanzi F, Bolzon S, Guerra E, Lecchi F, Cellerino P, Ardito A, Scaramuzzo R, Balla A, Lepiane P, Tartaglia N, Ambrosi A, Pavone G, Palini GM, Veneroni S, Garulli G, Ricci C, Torre B, Russo IS, Rottoli M, Tanzanu M, Belvedere A, Milone M, Manigrasso M, De Palma GD, Piccoli M, Pattacini GC, Magnone S, Bertoli P, Pisano M, Massucco P, Palisi M, Luzzi AP, Fleres F, Clarizia G, Spolini A, Kobe Y, Toma T, Shimamura F, Parker R, Ranketi S, Mitei M, Svagzdys S, Pauzas H, Zilinskas J, Poskus T, Kryzauskas M, Jakubauskas M, Zakaria AD, Zakaria Z, Wong MPK, Jusoh AC, Zakaria MN, Cruz DR, Elizalde ABR, Reynaud AB, Hernandez EEL, Monroy JMVP, Hinojosa-Ugarte D, Quiodettis M, Du Bois ME, Latorraca J, Major P, Pedziwiatr M, Pisarska-Adamczyk M, Waledziak M, Kwiatkowski A, Czyzykowski L, da Costa SD, Pereira B, Ferreira ARO, Almeida F, Rocha R, Carneiro C, Perez DP, Carvas J, Rocha C, Ferreira C, Marques R, Fernandes U, Leao P, Goulart A, Pereira RG, Patrociinio SDD, de Mendonça NGG, Manso MIC, Morais HMC, Cardoso PS, Calu V, Miron A, Toma EA, Gachabayov M, Abdullaev A, Litvin A, Nechay T, Tyagunov A, Yuldashev A, Bradley A, Wilson M, Panyko A, Látecková Z, Lacko V, Lesko D, Soltes M, Radonak J, Turrado-Rodriguez V, Termes-Serra R, Morales-Sevillano X, Lapolla P, Mingoli A, Brachini G, Degiuli M, Sofia S, Reddavid R, Garberini AD, Buffone A, del Pozo EP, Aparicio-Sánchez D, Dos Barbeito S, Estaire-Gómez M, Vitón-Herrero R, Olarte-Marquez MDG, Gil-Martínez J, Alconchel F, Nicolás-López T, Rahy-Martin AC, Pelloni M, Bañolas-Suarez R, Mendoza-Moreno F, Nisa FGM, Díez-Alonso M, Rodas MEV, Agundez MC, Andrés MIP, Moreira CCL, Perez AL, Ponce IA, González-Castillo AM, Membrilla-Fernández E, Salvans S, Serradilla-Martín M, Pardo PS, Rivera-Alonso D, Dziakova J, Huguet JM, Valle NP, Ruiz EC, Valcarcel CR,	General and Digestive Surgery Unit

PUBLICATIONS	IMIBIC GROUP
Moreno CR, Salazar YTM, Garcia JJR, Mico SS, López JR, Farré SP, Gomez MS, Petit NM, Titos-García A, Aranda-Narváez JM, Romacho-López L, Sánchez-Guillén L, Aranaz-Ostariz V, Bosch-Ramírez M, Martínez-Pérez A, Martínez-López E, Sebastián-Tomás JC, Jimenez-Riera G, Jimenez-Vega J, Cuellar JAN, Campos-Serra A, Muñoz-Campaña A, Gràcia-Roman R, Alegre JM, Pinto FL, O’Sullivan SN, Antona FB, Jiménez BM, López-Sánchez J, Carmona ZG, Fernández RT, Sierra IB, de León LRG, Moreno VP, Iglesias E, Cumplido PL, Bravo AA, Simó IR, Domínguez CL, Caamaño AG, Lozano RC, Martínez MD, Torres AN, de Quiros JTMB, Pellino G, Cloquell MM, Moller EG, Jalal-Eldin S, Abdoun AK, Hamid HKS, Lohsiriwat V, Mongkhonsupphawan A, Baraket O, Ayed K, Abbassi I, Ben Ali A, Ammar H, Kchaou A, Tlili A, Zribi I, Colak E, Polat S, Koylu ZA, Guner A, Usta MA, Reis ME, Mantoglu B, Gonullu E, Akin E, Altintoprak F, Bayhan Z, Firat N, Isik A, Memis U, Bayrak M, Altintas Y, Kara Y, Bozkurt MA, Kocatas A, Das K, Seker A, Ozer N, Atici SD, Tuncer K, Kaya T, Ozkan Z, Ilhan O, Agackiran I, Uzunoglu MY, Demirbas E, Altinel Y, Meric S, Hacim NA, Uymaz DS, Omarov N, Balik E, Tebala GD, Khalil H, Rana M, Khan M, Florence C, Swaminathan C, Leo CA, Liasis L, Wafah J, Trostchansky I, Delgado E, Pontillo M, Latifi R, Coimbra R, Edwards S, Lopez A, Velmahos G, Dorken A, Gebran A, Palmer A, Oury J, Bardes JM, Seng SS, Coffua LS, Ratnasekera A, Egodage T, Echeverria-Rosario K, Armento I, Napolitano LM, Sangji NF, Hemmila M, Quick JA, Austin TR, Hyman TR, Curtiss W, McClure A, Cairl N, Biffi WL, Truong HP, Schaffer K, Reames S, Banchini F, Capelli P, Coccolini F, Sartelli M, Bravi F, Vallicelli C, Agnoletti V, Baiocchi GL, Catena F. Goodbye Hartmann trial: a prospective, international, multicenter, observational study on the current use of a surgical procedure developed a century ago. WORLD JOURNAL OF EMERGENCY SURGERY. 2024. -. DOI: 10.1186/s13017-024-00543-w. IF: 6 Q1 D1	General and Digestive Surgery Unit
Manuel DM, Gonzalo GD, Lidia RO, Manuel SHJ, Antonio GS, Angela CA, Sebastián RP, Francisca VM, Blanca RA, Carmen VBM, Antonio RR, Javier BD, Alvaro AS. Laparoscopic versus open approach for interval cytoreductive surgery and hyperthermic intraperitoneal chemotherapy (HIPEC) in advanced epithelial ovarian cancer: a matched comparative study. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES. 2024. 66-74. DOI: 10.1007/s00464-023-10508-w. IF: 2,4 Q2 D3	General and Digestive Surgery Unit
López-Alcalá J, Gordon A, Trávez A, Tercero-Alcázar C, Correa-Sáez A, González-Rellán MJ, Rangel-Zúñiga OA, Rodríguez A, Membrives A, Frühbeck G, Nogueiras R, Calzado MA, Guzmán-Ruiz R, Malagón MM. Localization, traffic and function of Rab34 in adipocyte lipid and endocrine functions. JOURNAL OF BIOMEDICAL SCIENCE. 2024. -. DOI: 10.1186/s12929-023-00990-8. IF: 9 Q1 D1	General and Digestive Surgery Unit
Delvecchio A, Conticchio M, Casella A, Ratti F, Gelli M, Anelli FM, Laurent A, Vitali GC, Magistri P, Felli E, Wakabayashi T, Pessaux P, Piardi T, Di Benedetto F, de’Angelis N, Briceño-Delgado J, Rampoldi A, Adam R, Cherqui D, Aldrighetti L, Memeo R. Open, laparoscopic liver resection and percutaneous thermal ablation in elderly patients with hepatocellular carcinoma: outcomes and therapeutic strategy. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES. 2024. 6700-6710. DOI: . IF: 2,4 Q2 D3	General and Digestive Surgery Unit
Calleja R, Aguilera E, Durán M, de Villar JMP, Padial A, Luque-Molina A, Ayllón MD, López-Cillero P, Ciria R, Briceño J. Predicting waitlist dropout in hepatocellular carcinoma: a narrative review. TRANSLATIONAL GASTROENTEROLOGY AND HEPATOLOGY. 2024. -. DOI: 10.21037/tgh-24-24. IF: 3,8 Q2 D3	General and Digestive Surgery Unit
Nieto-Pascual L, López-Yarto M, Mariño MA, García SM, González GL, Domínguez JN, González CGS, González PL, Cuadri MES, Bustamante JP, Doménech A, Augé E, García MA. A multi-center study on the use of lidocaine thermogel for pain control in outpatient operative hysteroscopy. EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY. 2024. 230-235. DOI: 10.1016/j.ejogrb.2024.10.041. IF: 2,1 Q2 D5	Gynaecology and Obstetrics Unit
Hernández-Martínez A, Rodríguez-Almagro J, Manzanares MD, Esquinas IO, Álvarez AR, Castillejos AB, Torres NI, de Mateos SG, Trujillo VG, Martínez-Galiano JM. Instrument to evaluate the perception of abuse and/or disrespectful treatment during childbirth: A validation study. MIDWIFERY. 2024. -. DOI: 10.1016/j.midw.2024.104118. IF: 2,6 Q1 D2	Gynaecology and Obstetrics Unit

PUBLICATIONS	IMIBIC GROUP
Mateos MV, Martínez-López J, Otero PR, González-Calle V, Gonzalez MS, Oriol A, Gutiérrez NC, Rios-Tamayo R, Rosiñol L, Rivas MAA, Bargay J, Gonzalez-Rodriguez AP, Alegre A, Escalante F, Rodriguez MBI, de la Rubia J, Teruel AI, de Arriba F, Palomera L, Hernández MT, Jiménez JL, Reinoso-Segura M, Mateo AG, Ocio EM, Paiva B, Puig N, Cedena MT, Blade J, Lahuerta JJ, San-Miguel JF. Curative Strategy for High-Risk Smoldering Myeloma: Carfilzomib, Lenalidomide, and Dexamethasone (KRd) Followed by Transplant, KRd Consolidation, and Rd Maintenance. JOURNAL OF CLINICAL ONCOLOGY. 2024. -. DOI: 10.1200/JCO.23.02771. IF: 42,1 Q1 D1	Hematology Unit
Pavlovic K, Carmona-Luque M, Corsi GI, Maldonado-Pérez N, Molina-Estevez FJ, Peralbo-Santaella E, Cortijo-Gutiérrez M, Justicia-Lirio P, Tristán-Manzano M, Ronco-Díaz V, Ballesteros-Ribelles A, Millán-López A, Heredia-Velázquez P, Fuster-García C, Cathomen T, Seemann SE, Gorodkin J, Martin F, Herrera C, Benabdellah K. Generating universal anti-CD19 CAR T cells with a defined memory phenotype by CRISPR/Cas9 editing and safety evaluation of the transcriptome. FRONTIERS IN IMMUNOLOGY. 2024. -. DOI: 10.3389/fimmu.2024.1401683. IF: 5,7 Q1 D3	Hematology Unit
Ballesteros-Ribelles A, Millán-López A, Carmona-Luque M, Herrera C. Granulocyte Colony Stimulating Factor-Mobilized Peripheral Blood Mononuclear Cells: An Alternative Cellular Source for Chimeric Antigen Receptor Therapy. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2024. -. DOI: 10.3390/ijms25115769. IF: 4,9 Q1 D3	Hematology Unit
Guerrero-Oriach JL, Carmona-Luque MD, Muñoz GQ, Capitán MJR. miRNA Expression: I/R Cardiomyocyte and Sevoflurane. BIOMOLECULES. 2024. -. DOI: 10.3390/biom14121554. IF: 4,8 Q1 D3	Hematology Unit
Núñez-Jurado D, Payán-Pernía S, Alvarez-Rios A, Jiménez-Jambrina M, Pérez-De-Soto IC, Palma-Vallellano AJ, Zapata-Bautista R, Hernández-Castellet JC, Garrastazul-Sánchez MP, Arqueros-Martínez V, Urbano-Ramos MD, Abdelkader-Maanan M, García-Lozano JR, Delgado-Pecellín C. Neonatal Screening for Sickle Cell Disease in Western Andalusia: Results and Lessons Learnt after 3 Years of Implementation. AMERICAN JOURNAL OF PERINATOLOGY. 2024. e893-e900. DOI: 10.1055/s-0042-1759646. IF: 1,5 Q2 D5	Hematology Unit
Tentoni N, Hwang M, Villanueva G, Combs R, Lowe J, Ramsey LB, Taylor ZL, Carrillo TM, Aumente MD, López TLV, Rizzari C, Howard SC. Early therapeutic drug monitoring of methotrexate and its association with acute kidney injury: A retrospective cohort study. CANCER MEDICINE. 2024. -. DOI: 10.1002/cam4.70176. IF: 2,9 Q2 D5	Hospital Pharmacy Unit
Cordero CG, de Vicente MST. Management of nirmatrelvir/ritonavir and tacrolimus interaction in kidney transplant recipients infected by COVID-19: a three-case series. EUROPEAN JOURNAL OF HOSPITAL PHARMACY. 2024. 175-177. DOI: 10.1136/ejhp-pharm-2022-003544. IF: 1,6 Q3 D	Hospital Pharmacy Unit
Acedo RD, Banqueri MG, Criado SA, Parra EMF, Galán RJ, Sánchez AIG, Pozo JFM, Bautista MJM. Real-world data of atezolizumab in patients with previously treated locally advanced or metastatic urothelial bladder cancer. INTERNATIONAL JOURNAL OF CLINICAL PHARMACY. 2024. 382-389. DOI: 10.1007/s11096-023-01667-w. IF: 2,6 Q2 D5	Hospital Pharmacy Unit
Velasco-Hernandez T, Trincado JL, Vinyoles M, Closa A, Martínez-Moreno A, Gutiérrez-Agüera F, Molina O, Rodríguez-Cortez VC, Ximeno-Parpal P, Fernández-Fuentes N, Petazzi P, Beneyto-Calabuig S, Velten L, Romecin P, Casquero R, Abollo-Jiménez F, de la Guardia RD, Lorden P, Bataller A, Lapillonne H, Stam RW, Vives S, Torreadell M, Fuster JL, Bueno C, Sarry JE, Eyraas E, Heyn H, Menéndez P. Integrative single-cell expression and functional studies unravels a sensitization to cytarabine-based chemotherapy through HIF pathway inhibition in AML leukemia stem cells. HEMASPHERE. 2024. -. DOI: 10.1002/hem3.45. IF: 7,6 Q1 D2	Imibic Bioinformatics Unit
Pavlovic K, Carmona-Luque M, Corsi GI, Maldonado-Pérez N, Molina-Estevez FJ, Peralbo-Santaella E, Cortijo-Gutiérrez M, Justicia-Lirio P, Tristán-Manzano M, Ronco-Díaz V, Ballesteros-Ribelles A, Millán-López A, Heredia-Velázquez P, Fuster-García C, Cathomen T, Seemann SE, Gorodkin J, Martin F, Herrera C, Benabdellah K. Generating universal anti-CD19 CAR T cells with a defined memory phenotype by CRISPR/Cas9 editing and safety evaluation of the transcriptome. FRONTIERS IN IMMUNOLOGY. 2024. -. DOI: 10.3389/fimmu.2024.1401683. IF: 5,7 Q1 D3	Imibic Flow Cytometry Unit

PUBLICATIONS	IMIBIC GROUP
Redondo-Calvo FJ, Rabanal-Ruiz Y, Verdugo-Moreno G, Bejarano-Ramírez N, Bodoque-Villar R, Durán-Prado M, Illescas S, Chicano-Gálvez E, Gómez-Romero FJ, Martínez-Alarcón J, Arias-Pardilla J, Lopez-Juarez P, Padin JF, Peinado JR, Serrano-Oviedo L. Longitudinal Assessment of Nasopharyngeal Biomarkers Post-COVID-19: Unveiling Persistent Markers and Severity Correlations. JOURNAL OF PROTEOME RESEARCH. 2024. 5064-5084. DOI: 10.1021/acs.jproteome.4c00536. IF: 3,8 Q1 D2	Imibic Mass Spectrometry and Molecular Imaging Unit (IMSMI)
Herruzo-Ruiz AM, Peralbo-Molina A, López CM, Michán C, Alhama J, Chicano-Gálvez E. Mass spectrometry imaging in environmental monitoring: From a scarce existing past to a promising future. TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY. 2024. -. DOI: 10.1016/j.teac.2024.e00228. IF: 11,1 Q1 D1	Imibic Mass Spectrometry and Molecular Imaging Unit (IMSMI)
Alvarez P, Aguado R, Molina J, Trujillo-Aguilera A, Villalba M, Díaz-Perales A, Oeo-Santos C, Chicano E, Blanco N, Navas A, Ruiz-León B, Jurado A. Pollen-Food Allergy Syndrome: From Food Avoidance to Deciphering the Potential Cross-Reactivity between Pru p 3 and Ole e 7. NUTRIENTS. 2024. -. DOI: 10.3390/nu16172869. IF: 4,8 Q1 D2	Imibic Mass Spectrometry and Molecular Imaging Unit (IMSMI)
Elías-López C, Muñoz-Rosa M, Guzmán-Puche J, Pérez-Nadales E, Chicano-Galvez E, Martínez-Martínez L. Porin expression in clinical isolates of Klebsiella pneumoniae: a comparison of SDS-PAGE and MALDI-TOF/MS and limitations of whole genome sequencing analysis. ANNALS OF CLINICAL MICROBIOLOGY AND ANTIMICROBIALS. 2024. -. DOI: 10.1186/s12941-024-00761-9. IF: 4,6 Q1 D3	Imibic Mass Spectrometry and Molecular Imaging Unit (IMSMI)
Larenas-Muñoz F, Sánchez-Carvajal JM, Ruedas-Torres I, álvarez-Delgado C, Fristiková K, Pallarés FJ, Carrasco L, Chicano-Gálvez E, Rodríguez-Gómez IM, Gómez-Laguna J. Proteomic analysis of granulomas from cattle and pigs naturally infected with Mycobacterium tuberculosis complex by MALDI imaging. FRONTIERS IN IMMUNOLOGY. 2024. -. DOI: 10.3389/fimmu.2024.1369278. IF: 5,7 Q1 D3	Imibic Mass Spectrometry and Molecular Imaging Unit (IMSMI)
Fernández-Moreno R, Páez-Mega A, Rodríguez-Cano D, Salinas A, Rodríguez-Cantalejo F, Jurado A, Torre-Cisneros J, Cantisán S. QuantiFERON-CMV assay by chemiluminescence immunoassay: Is it more suitable for real-live monitoring of transplant patients?. JOURNAL OF CLINICAL VIROLOGY. 2024. -. DOI: 10.1016/j.jcv.2024.105651. IF: 4 Q2 D4	Imibic Mass Spectrometry and Molecular Imaging Unit (IMSMI)
Angulo-Cánovas E, Bartual A, López-Igual R, Luque I, Radzinski NP, Shilova I, Anjur-Dietrich M, García-Jurado G, Ubeda B, González-Reyes JA, Díez J, Chisholm SW, García-Fernández JM, Muñoz-Marin MD. Direct interaction between marine cyanobacteria mediated by nanotubes. SCIENCE ADVANCES. 2024. -. DOI: 10.1126/sciadv.adj1539. IF: 11,7 Q1 D1	Imibic Microscopy Unit
Maldonado N, López-Hernández I, López-Cortés LE, Pérez-Crespo PMM, Retamar-Gentil P, García-Montaner A, Riestra SD, Sousa-Domínguez A, Goikoetxea J, Pulido-Navazo A, Ortíz MD, Natera-Kindelán C, Jover-Sáenz A, del Arco-Jiménez A, Armiñanzas-Castillo C, Aller-García AI, Fernández-Suárez J, Marrodán-Ciordia T, Boix-Palop L, Smithson-Amat A, Reguera-Iglesias JM, Galán-Sánchez F, Bahamonde A, Sánchez-Calvo JM, Gea-Lázaro I, Pérez-Camacho I, Reyes-Bertos A, Becerril-Carral B, Pascual A, Rodríguez-Baño J. Association of microbiological factors with mortality in Escherichia coli bacteraemia presenting with sepsis/septic shock: a prospective cohort study. CLINICAL MICROBIOLOGY AND INFECTION. 2024. 1035-1041. DOI: 10.1016/j.cmi.2024.04.001. IF: 10,9 Q1 D1	Infectious Diseases Unit
Peçanha-Pietroboim PM, Truda VSS, Fernández-Ruiz M, Gutiérrez MG, Sukiennik TCT, Santos DW, Valerio M, Gioia F, Rodríguez-Goncer I, Giacobbe DR, Vena A, Machado M, Bassetti M, Muñoz P, Aguado JM, Tedesco-Silva H, Colombo AL. Natural history and prognostic factors of candidemia in kidney transplant recipients: A retrospective, multinational study. MYCOSES. 2024. -. DOI: 10.1111/myc.13669. IF: 4,1 Q1 D2	Infectious Diseases Unit
Frías M, Caballero-Gómez J, Vázquez A, Madrigal E, Ruiz-Fons F, Gallo M, Herrero L, Jarilla M, Garcia-Bocanegra I, Rivero-Juárez A, Rivero A. Serosurvey of Blood Donors to Assess West Nile Virus Exposure, South-Central Spain. EMERGING INFECTIOUS DISEASES. 2024. 1496-1498. DOI: 10.3201/eid3007.240450. IF: 7,2 Q1 D1	Infectious Diseases Unit

PUBLICATIONS	IMIBIC GROUP
Garnacho-Montero J, Gordillo-Escobar E, Trenado J, Gordo F, Fisac L, García-Prieto E, López-Martin C, Abella A, Jiménez JR, García-Garmendia JL. A Nationwide, Prospective Study of Tracheal Intubation in Critically Ill Adults in Spain: Management, Associated Complications, and Outcomes. CRITICAL CARE MEDICINE. 2024. 786-797. DOI: 10.1097/CCM.0000000000006198. IF: 7,7 Q1 D2	Intensive Medicine Unit
Rodríguez A, Gómez J, Franquet A, Treffer S, Díaz E, Sole-Violán J, Zaragoza R, Papiol E, Suberviola B, Vallverdú M, Jimenez-Herrera M, Albaya-Moreno A, Berlanga AC, Ortiz MD, Ballesteros JC, Amor LL, Chinesta SS, de Alba-Aparicio M, Estella A, Martín-Loeches I, Bodi M. Applicability of an unsupervised cluster model developed on first wave COVID-19 patients in second/third wave critically ill patients. MEDICINA INTENSIVA. 2024. 326-340. DOI: 10.1016/j.medin.2024.02.006. IF: 2,7 Q2 D5	Intensive Medicine Unit
del Castillo JJD, Cejas CMM, Guzmán EG, Pérez MAF. Bridge to transplant in single-ventricle anatomy: subpulmonary support with EXCOR ventricular assist device associated with pulmonary artery reconstruction. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY. 2024. -. DOI: 10.1093/ejcts/ezae174. IF: 3,1 Q1 D2	Intensive Medicine Unit
Blanco-Acevedo C, Aguera-Morales E, Fuentes-Fayos AC, Pelaez-Viña N, Diaz-Pernalete R, Infante-Santos N, Muñoz-Jurado A, Porras-Pantojo MF, Ibáñez-Costa A, Luque RM, Solivera-Vela J. Decompressive Hemicraniectomy without Evacuation of Acute Intraparenchymal Hemorrhage. BIOMEDICINES. 2024. -. DOI: 10.3390/biomedicines12081666. IF: 3,9 Q2 D4	Intensive Medicine Unit
Prieto-Crespo V, Arevalo-Buitrago P, Olivares-Luque E, García-Arcos A, López-Soto PJ. Impact of Spiritual Support Interventions on the Quality of Life of Patients Who Receive Palliative Care: A Systematic Review. NURSING REPORTS. 2024. 1906-1921. DOI: 10.3390/nursrep14030142. IF: 2,4 Q1 D2	Intensive Medicine Unit
Gordillo-Resina M, Aranda-Martinez C, Arias-Verdú MD, Guerrero-López F, Castillo-Lorente E, Rodríguez-Rubio D, Rivera-López R, Rosa-Garrido C, Gómez-Jiménez FJ, Lafuente-Baraza J, Aguilar-Alonso E, Arráez-Sanchez MA, Rivera-Fernández R. Mortality, Functional Status, and Quality of Life after 5 Years of Patients Admitted to Critical Care for Spontaneous Intracerebral Hemorrhage. NEUROCRITICAL CARE. 2024. 583-597. DOI: 10.1007/s12028-024-01960-0. IF: 3,1 Q2 D3	Intensive Medicine Unit
Popescu ML, Rubín-García M, Alvarez-Alvarez L, Toledo E, Corella D, Salas-Salvadó J, Pérez-Vega KA, Martínez JA, Alonso-Gómez AM, Wärnberg J, Vioque J, Romaguera D, López-Miranda J, Estruch R, Tinahones FJ, Lapetra J, Serra-Majem L, Cano-Ibáñez N, Tur JA, Naveiro R, Pintó X, Delgado-Rodríguez M, Ortiz-Ramos M, Vidal J, Vázquez C, Daimiel L, Ros E, Vázquez-Ruiz Z, Babio N, Sorlí J, Castañer O, García-Rios A, González-Palacios S, Zulet M, Konieczna J, Casas R, Masso-Guijarro P, Tojal-Sierra L, Gómez-Pérez AM, Cenoz-Osinaga JC, Valverde I, Fernández-Carrión R, Schröder H, Larriva APA, Torres-Collado L, García-Arellano A, Palau-Galindo A, Fitó M, Martín-Sánchez V, Fernández-Villa T. Sex-specific dietary patterns and their association with metabolic syndrome: Insights from a cross-sectional analysis. DIABETES & METABOLIC SYNDROME-CLINICAL RESEARCH & REVIEWS. 2024. -. DOI: 10.1016/j.dsx.2024.103123. IF: 4,3 Q1 D3	Internal Medicine Unit
Herederó S, Falguera MI, Gómez V, Sanjuan-Sanjuan A. Customized Soft Tissue Free Flaps in Head and Neck Reconstruction. ORAL AND MAXILLOFACIAL SURGERY CLINICS OF NORTH AMERICA. 2024. 545-555. DOI: 10.1016/j.coms.2024.07.009. IF: 1,3 Q3 D	Maxillofacial Surgery Unit
Meuli JN, Huang JJ, Herederó S, Chen WF, Chang TNJ. International Microsurgery Club and World Society for Reconstructive Microsurgery Webinar: Career Building in Microsurgery. ARCHIVES OF PLASTIC SURGERY-APS. 2024. 258-261. DOI: 10.1055/a-2229-3420. IF: 1,3 Q3 D	Maxillofacial Surgery Unit
Parras-Hernández J, Tofé-Povedano A, Herce-López J, Matute-García D, Martínez-Carapeto E, Cuadrado-Caballero G, Rollón-Mayordomo A. Personalized subperiosteal implant-supported obturator for the rehabilitation of rhino-orbit-cerebral mucormycosis sequela: A case report. EXPERIMENTAL AND THERAPEUTIC MEDICINE. 2024. -. DOI: 10.3892/etm.2024.12727. IF: 2,4 Q3 D	Maxillofacial Surgery Unit
Rios-Gonzalez S, Herederó Jung S, Ruiz-Masera JJ, Martínez-Sahuquillo-Marquez A. Quality of life and functional outcomes in tongue cancer patients: a long-term, prospective, comparative study. MEDICINA ORAL PATOLOGIA ORAL Y CIRUGIA BUCAL. 2024. e232-e240. DOI: 10.4317/medoral.26228. IF: 1,8 Q2 D5	Maxillofacial Surgery Unit

PUBLICATIONS	IMIBIC GROUP
Dean A, Estévez O, Centella C, Sanjuan-Sanjuan A, Sánchez-Frías ME, Alamillos FJ. Surgical Navigation and CAD-CAM-Designed PEEK Prosthesis for the Surgical Treatment of Facial Intraosseous Vascular Anomalies. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13164602. IF: 3 Q1 D2	Maxillofacial Surgery Unit
Gil FM, Artal PM, de Llano ACQ, Guerra MM, Ballester DG, Arcas JML, Cedrun JLL, Perez JLG, Martin-Granizo R, de Vera JLDP, Medina BG, Gonzalez-Garcia R, Sanchez MM, Rodriguez EV, Sanroman JF, Martos RL, Cagigal BP, Alamillos MR, Mas MM, Gil CS, Medina BR, Ontanon AV, Gridilla JM, Ferrer AD. Consensus Report and Recommendations on the Management of Late-stage Internal Derangement of the Temporomandibular Joint. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13113319. IF: 3 Q1 D2	Maxillofacial Surgery Unit
Flores-Paco P, Vargas-Aliaga A, Guevara MG, Lopera I, Ruiz LR, López-Herrero M, Camús JA, Lopez-González J, Inga-Saavedra E, Montero M, Barneto I, Gómez-España MA, Ruiz E, Ruza M, Armenta A, Palacios A, de la Haba-rodríguez JR, Aranda E. A new updated prognostic index for patients with brain metastases (BMs) treated with palliative whole brain radiotherapy (WBRT) in the era of precision oncology. METASNCore project. JOURNAL OF NEURO-ONCOLOGY. 2024. 407-413. DOI: 10.1007/s11060-024-04618-1. IF: 3,2 Q2 D3	Medical Oncology
Tavira B, Iscar T, Manso L, Santaballa A, Gil-Martin M, García García Y, Romeo M, Iglesias M, Ferré AD, Barretina-Ginesta MP, Manzano A, Gaba L, Rubio MJ, de Andrea CE, González-Martín A. Analysis of Tumor Microenvironment Changes after Neoadjuvant Chemotherapy with or without Bevacizumab in Advanced Ovarian Cancer (GEICO-89T/MINOVA Study). CLINICAL CANCER RESEARCH. 2024. 176-186. DOI: 10.1158/1078-0432.CCR-23-0771. IF: 10 Q1 D1	Medical Oncology
González-Martín A, Rubio MJ, Heitz F, Christensen RD, Colombo N, Van Gorp T, Romeo M, Ray-Coquard I, Gaba L, Leary A, De Sande LM, Lebreton C, Redondo A, Fabbro M, Ginesta MPB, Follana P, Pérez-Fidalgo JA, Rodrigues M, Santaballa A, Sabatier R, Bermejo-Pérez MJ, Lotz JP, Pardo B, Marquina G, Sánchez-Lorenzo L, Quindós M, Estévez-García P, Alía EG, Manso L, Casado V, Kommoss S, Tognon G, Henry S, Bruchim I, Oaknin A, Selle F. Atezolizumab Combined With Platinum and Maintenance Niraparib for Recurrent Ovarian Cancer With a Platinum-Free Interval >6 Months: ENGOT-OV41/GEICO 69-O/ANITA Phase III Trial. JOURNAL OF CLINICAL ONCOLOGY. 2024. -. DOI: 10.1200/JCO.24.00668. IF: 42,1 Q1 D1	Medical Oncology
Oaknin A, Gladieff L, Martínez-García J, Villacampa G, Takekuma M, De Giorgi U, Lindemann K, Woelber L, Colombo N, Duska L, Leary A, Godoy-Ortiz A, Nishio S, Angelergues A, Rubio MJ, Fariñas-Madrid L, Yamaguchi S, Lorusso D, Ray-Coquard I, Manso L, Joly F, Alarcón J, Follana P, Romero I, Lebreton C, Pérez-Fidalgo JA, Yunokawa M, Dahlstrand H, D'Hondt V, Randall L. Atezolizumab plus bevacizumab and chemotherapy for metastatic, persistent, or recurrent cervical cancer (BEATcc): a randomised, open-label, phase 3 trial. LANCET. 2024. 31-43. DOI: 10.1016/S0140-6736(23)02405-4. IF: 98,4 Q1 D1	Medical Oncology
Vargas-Aliaga A, de la Haba M, Contreras MJ, Estevez CM, Porras I, Cano MT, Pulido G, Gómez MA, Flores-Paco P, Juan DLHR, Aranda E. NeuroPredict: study of the predictive value of ABCB1 genetic polymorphisms and associated clinical factors in chronic chemotherapy-induced peripheral neuropathy (CIPN). FRONTIERS IN PHARMACOLOGY. 2024. -. DOI: 10.3389/fphar.2024.1352939. IF: 4,4 Q1 D2	Medical Oncology
Monk BJ, Barretina-Ginesta MP, Pothuri B, Vergote I, Graybill W, Mirza MR, McCormicky CC, Lorusso D, Moore RG, Freyer G, O’Cearbhaill RE, Heitz F, O’Malley DM, Redondo A, Shahin MS, Vulsteke C, Bradley WH, Haslund CA, Chase DM, Pisano C, Holman LL, Perez MJR, Disilvestro P, Gaba L, Herzog TJ, Bruchim I, Compton N, Shtessel L, Malinowska IA, Gonzalez-Martin A. Niraparib first-line maintenance therapy in patients with newly diagnosed advanced ovarian cancer: final overall survival results from the PRIMA/ ENGOT-OV26/GOG-3012 trial. ANNALS OF ONCOLOGY. 2024. 981-992. DOI: 10.1016/j.annonc.2024.08.2241. IF: 56,7 Q1 D1	Medical Oncology
García-Donas J, Redondo A, Santaballa A, Garrigos L, Rubio MJ, Lainez N, González MI, Cueva JF, Barquin A, Grazioso TP, Hurtado A, Sevillano E, Grande E, Rodriguez-Moreno JF, Navarro P. Phase II clinical trial assessing the efficacy of enzalutamide in advanced non-resectable granulosa cell ovarian tumors: The GREKO III study (GETH12016-01). GYNECOLOGIC ONCOLOGY. 2024. 233-239. DOI: 10.1016/j.ygyno.2024.10.019. IF: 4,5 Q1 D1	Medical Oncology

PUBLICATIONS	IMIBIC GROUP
Rubio MJ, Manzano A, de Sande LM, Estévez-García P, Gordon MD, de Prado DS, de Aranguiz BHF, Guerra-Alia EM, Carbó-Bagué A, Romero I, Corbellas M, González-Haba A, Robles-Barraza CE, Martínez-García J, González-Martín A. Retrospective multicenter study of elderly patients with platinum-sensitive relapsed ovarian cancer treated with trabectedin and pegylated liposomal doxorubicin (pld) in a real-world setting: a geico study. BMC CANCER. 2024. -. DOI: 10.1186/s12885-024-12577-z. IF: 3,4 Q2 D4	Medical Oncology
Perez-Fidalgo JA, Gálvez-Montosa F, Guerra EM, Madariaga A, Manzano A, Martin-Lorente C, Rubio-Pérez MJ, Alarcón J, Barretina-Ginesta MP, Gaba L. SEOM-GEICO clinical guideline on epithelial ovarian cancer (2023). CLINICAL & TRANSLATIONAL ONCOLOGY. 2024. 2758-2770. DOI: 10.1007/s12094-024-03531-3. IF: 2,8 Q2 D5	Medical Oncology
Peressini M, Garcia-Campelo R, Massuti B, Marti C, Cobo M, Gutiérrez V, Dómine M, Fuentes J, Majem M, de Castro J, Córdoba JF, Diz MP, Isla D, Esteban E, Carcereny E, Vila L, Moreno-Vega A, Ros S, Moreno A, García FJ, Huidobro G, Aguado C, Cebey-López V, Valdivia J, Palmero R, Lianes P, López-Brea M, Vidal OJ, Provencio M, Arriola E, Baena J, Herrera M, Bote H, Molero M, Adradas V, Ponce-Aix S, Nuñez-Buiza A, Ucero A, Hernandez S, Lopez-Rios F, Conde E, Paz-Ares L, Zugazagoitia J. Spatially Preserved Multi-Region Transcriptomic Subtyping and Biomarkers of Chemoimmunotherapy Outcome in Extensive-Stage Small Cell Lung Cancer. CLINICAL CANCER RESEARCH. 2024. 3036-3049. DOI: 10.1158/1078-0432.CCR-24-0104. IF: 10 Q1 D1	Medical Oncology
Rueda AG, Taus A, Alvarez RA, Bernabé-Caro R, Chara L, López-Brea M, Vilà L, González MAS, Aldagalán ADD, Herrera BE, Castro RL, Cabellos RA, Doménech M, Falagan S, Vega AM, Aguado C, Barba A, Ureña MTD, Isla D, Hernández LB, Pérez JLF, Juan-Vidal O, Massuti B, Mielgo-Rubio X, Ortega AL, Catot S, Dómine M, Escoín-Pérez C, Navalón FG, Gil-Bazo I, Muñoz S, Rodríguez-Abreu D, Roldán RMV, Curbera GA, León-Mateos L, Padilla A, Lario AP, Sánchez-Torres JM, Garrido P. The S-REAL study: Spanish real-world data on unresectable stage III NSCLC patients treated with durvalumab after chemoradiotherapy. CLINICAL & TRANSLATIONAL ONCOLOGY. 2024. 2205-2216. DOI: 10.1007/s12094-024-03404-9. IF: 2,8 Q2 D5	Medical Oncology
Vulsteke C, Chambers SK, Pérez MJR, Chan JK, Raaschou-Jensen N, Zhuo Y, Lorusso D, Herzog TJ, Rouge TD, Pepin JAT, Braicu EI, Chen LM, Levy T, Barter JF, Barretina-Ginesta MP, Joosens E, York W, Malinowska IA, González-Martín A, Monk BJ. Tolerability of the niraparib individualized starting dose in the PRIMA/ ENGOT-OV26/GOG-3012 trial of niraparib first-line maintenance therapy. EUROPEAN JOURNAL OF CANCER. 2024. -. DOI: 10.1016/j.ejca.2024.114157. IF: 7,6 Q1 D2	Medical Oncology
Cuadrado E, Arenas A, Tabernero C, Maldonado MA. A social norms campaign based positive intervention aimed at promoting protective behaviours. FRONTIERS IN PUBLIC HEALTH. 2024. -. DOI: 10.3389/fpubh.2024.1447335. IF: 3 Q2 D3	Mental Health
Ruiz-Rull C, Jaén-Moreno MJ, Pozo GID, Camacho-Rodríguez C, Rodríguez-López M, Rico-Villademoros F, Otero-Ferrer JL, Feu N, Reyes-López M, Fiestas RM, Laguna-Muñoz D, Jiménez-Peinado A, Mannino D, Vieta E, Sarraimea F. Lung function decline in people with serious mental illness: A call to action. EUROPEAN NEUROPSYCHOPHARMACOLOGY. 2024. 41-46. DOI: 10.1016/j.euroneuro.2024.09.004. IF: 6,1 Q1 D1	Mental Health
Sevillano-Jiménez A, Molina-Recio G, García-Mellado JA, Molina-Luque R, Romero-Saldaña M. Psychopathological and cardiometabolic efficacy of a nutritional education intervention based on symbiotics in schizophrenia spectrum disorders. Two-arm Randomised Clinical Trial. EUROPEAN JOURNAL OF PSYCHIATRY. 2024. -. DOI: 10.1016/j.ejpsy.2024.100262. IF: 2,5 Q2 D4	Mental Health
Gordillo-Urbano RM, Crespo-Facorro B, Pérez-Solá V, Cardoner N, García-Ligero E, Moreno C, Ramos-Quiroga JA, Ruiz-Veguilla M, Vázquez-Vallejo M, Prados-Ojeda JL. Spanish experts consensus on emergency psychiatric care in hospital emergency departments. BMC PSYCHIATRY. 2024. -. DOI: 10.1186/s12888-024-05939-1. IF: 3,4 Q2 D3	Mental Health
López-Viñau T, Muñoz-Rosa M, Ruiz-Lara LM, García-Martínez L, Machuca I, Gracia-Ahufinger I, Montero RR, Castón JJ, Cano A, Ruiz-Arabi E, del Prado JR, Salcedo I, Martínez-Martínez L, Torre-Cisneros J. Long-Term Clinical and Ecological Impact of an Antimicrobial Stewardship Program on the Incidence of Carbapenem-Resistant Klebsiella pneumoniae Infections in a High-Endemic Hospital. ANTIBIOTICS-BASEL. 2024. -. DOI: 10.3390/antibiotics13090792. IF: 4,3 Q1 D2	Microbiology

PUBLICATIONS	IMIBIC GROUP
Cobo-Sánchez JL, Blanco-Mavillard I, Pelayo-Alonso R, Mancebo-Salas N, Fernández-Fernández I, Larrañeta-Inda I, Ulzurrun-García A, Sánchez-Villar I, González-García F, Hernando-Garcia J, Sota MJRD, Lopes LMVB, Prieto-Rebollo MD, Sesmero-Ramos C, Jaume-Riutort C, Casas-Cuesta R, Alcántara-Crespo M, de Pedro-Gómez JE. Validation of a Clinical Scale for Early Detection of Infections at the Exit Site of Central Venous Catheters for Hemodialysis. KIDNEY INTERNATIONAL REPORTS. 2024. 2739-2749. DOI: 10.1016/j.ekir.2024.06.034. IF: 5,7 Q1 D1	Nephrology
Arenas-Cabrera C, Cabezudo-García P, Calvo-Medina R, Galeano-Bilbao B, Martínez-Agredano P, Ruiz-Giménez J, Rodríguez-Uranga JJ, Quiroga-Subirana P. Advances and guidance in the treatment of drug-resistant epilepsy: a review by the Andalusian Epilepsy Society of the new drugs cenobamate, fenfluramine and cannabidiol. REVISTA DE NEUROLOGIA. 2024. 161-173. DOI: . IF: 0,8 Q4 D	Neurology
Villanueva V, Villar EG, Fernandez-Cabrera A, Zurita J, Lopez-Gonzalez FJ, Rodríguez-Osorio X, Parejo-Carbonell B, Estevez JC, Mercedes-Alvarez B, Ojeda J, Rubio-Roy M, Garcia-Escrivá A, Gómez-Ibáñez A, Martinez-Poles J, Martinez-Agredano P, Calle R, Sierra-Marcos A, Gonzalez AM, Herrera JD, Rodriguez-Uranga J, Cabezas B, Martinez E, Renau J, de Toledo M, Hampel KG, Alarcón C, Barceló MI, Monterde A, Lara LB, Sansa G, Serratosa JM. BRIVA-ONE study: 12-month outcomes of brivaracetam monotherapy in clinical practice. EPILEPSIA OPEN. 2024. 2429-2442. DOI: 10.1002/epi4.13078. IF: 2,8 Q2 D4	Neurology
Del Brutto OH, Rumbear DA, Costa AF, Patel M, Sedler MJ, Mera RM. Cognitive performance and all-cause mortality in community dwellers of Amerindian ancestry living in rural Ecuador: A population-based, longitudinal prospective study. CLINICAL NEUROLOGY AND NEUROSURGERY. 2024. -. DOI: 10.1016/j.clineuro.2023.108053. IF: 1,8 Q2 D5	Neurology
Martinez-Marin RJ, Reyes-Leiva D, Nascimento A, Muelas N, Dominguez-González C, Paradas C, Olivé M, García-Romero M, Pascual-Pascual SI, Grau JM, Barba-Romero MA, Gomez-Caravaca MT, de las Heras J, Casquero P, Mendoza MD, de León JC, Gutierrez A, Morís G, Blanco-Lago R, Ramos-Fransi A, Pintós G, García-Antelo MJ, Rabasa M, Morgado Y, Usón M, Miralles FJ, Bárcena-Llona JE, Gómez-Belda AB, Pedraza-Hueso MI, Hortelano M, Colomé A, Garcia-Martin G, de Munain AL, Jericó I, Galán-Dávila L, Pardo J, Salgueiro-Origlia G, Alonso-Pérez J, Pla-Junca F, Schiava M, Segovia-Simón S, Díaz-Manera J. Description of clinical and genetic features of 122 patients included in the Spanish Pompe registry. NEUROMUSCULAR DISORDERS. 2024. 1-8. DOI: 10.1016/j.nmd.2023.10.001. IF: 2,7 Q2 D4	Neurology
Costa AF, Fernández-Ramos JA, Cazorla C, López-Laso E. New-Onset Status Epilepticus in an 11-year-old Patient with Thyroid Autoimmune Dysfunction: A Case Report of Pediatric Hashimoto Encephalopathy. JOURNAL OF PEDIATRIC EPILEPSY. 2024. 92-95. DOI: 10.1055/s-0044-1788053. IF: 0,2 Q4 D	Neurology
Alvarez FL, Fernández-Ramos JA, León RC, de la Rosa EI, Laso EL. Síndrome de pseudotumor cerebral en la población pediátrica: características clínicas, tratamiento y pronóstico. NEUROLOGIA. 2024. -. DOI: 10.1016/j.nrl.2021.04.013. IF: 2,9 Q2 D4	Neurology
Russo E, Agredano PM, Flachenecker P, Lawthorn C, Munro D, Hindocha C, Bagul M, Trinka E. The attitudes, knowledge and confidence of healthcare professionals about cannabis-based products. JOURNAL OF CANNABIS RESEARCH. 2024. -. DOI: 10.1186/s42238-024-00242-y. IF: 4,1 Q1 D3	Neurology
Costa AF, Peral A, Bravo F, Fernández F, Valverde R. Prevalence of basilar artery dolichoectasia in patients with acute ischemic stroke or transient ischemic attack in a single center of Spain. REVISTA DE NEUROLOGIA. 2024. 269-276. DOI: 10.33588/rn.7810.2023298. IF: 0,8 Q4 D	Neurology
Doval-Rosa C, Dorado-Capote FJ, Toledano-Delgado A, Sequí-Sabater JM, Carlos-Zamora R, Solivera-Vela J. Unveiling the importance of the endoscope in the sealing of the superior canal dehiscence syndrome, how we do it. NEUROCIRUGIA. 2024. 221-224. DOI: 10.1016/j.neucir.2024.05.001. IF: 0,7 Q4 D	Neurosurgery
Cano-Ortiz A, Sánchez-Ventosa A, Villalba-González M, González-Cruces T, Prados-Carmona JJ, Díaz-Mesa V, Piñero DP, Villarrubia-Cuadrado A. Clinical and Patient Reported Outcomes of an Optimized Trifocal Intraocular Lens. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13144133. IF: 3 Q1 D2	Ophthalmology

PUBLICATIONS	IMIBIC GROUP
Cano-Ortiz A, Sánchez-Ventosa A, González-Cruces T, González MV, Pérez MDL, Díaz-Ramos JC, Carmona JJP, Fernández VT, Amat DE, Villarrubia A. Evaluation of Evolux™ Intraocular Lenses in Cataract Surgery: Clinical Outcomes and Patient Satisfaction. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13237404. IF: 3 Q1 D2	Ophthalmology
Camara-Perez J, Jimena I, Rodriguez-Cano MA, Sanz-Zorrilla A, Osuna-Soto J, Sanchez-Ramirez I, Sanchez-Medianero T, Galvez-Medina MJ, Ortega-Salas R, Leiva-Cepas F. Acute and chronic mammary periprosthetic histological changes of the muscle. JPRAS OPEN. 2024. 265-275. DOI: 10.1016/j.jpra.2024.06.010. IF: 1,5 Q3 D	Pathological Anatomy
Ramnarine SD, Parente A, Vargas V, Escassi A, Paredes RM. Long term follow-up on young adults that underwent hypospadias repair through urethral advancement in childhood. REVISTA INTERNACIONAL DE ANDROLOGIA. 2024. 23-28. DOI: 10.22514/j.androl.2024.004. IF: 0,8 Q4 D	Pediatric Surgery Unit
Ribeiro-Constante J, Tristán-Noguero A, Calvo FFM, Ibañez-Mico S, Segura JLP, Ramos-Fernández JM, Chicano MDM, Leon RC, Insuga VS, Alguacil EG, Davila CV, Fernández-Jaén A, Plans L, Camacho A, Visa-Reñé N, Blazquez MDMT, Paredes-Carmona F, Marti-Carrera I, Hernández-Fabián A, Davi MT, Sanchez MC, Herraiz LC, Pita PF, Gonzalez TB, O'Callaghan M, Santa Polonia FFI, Cazorla MR, Lucas MTF, González-Meneses A, Sala-Coromina J, Macaya A, Lasa-Aranzasti A, Cueto-González AM, Parraga FV, Plana JC, Serrano M, Alonso X, Del Castillo-Berges D, Schwartz-Palleja M, Illescas S, Camacho AR, Capdevila OS, García-Cazorla A, Bayés A, Alonso-Colmenero I. Developmental outcome of electroencephalographic findings in SYNGAP1 encephalopathy. FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY. 2024. -. DOI: 10.3389/fcell.2024.1321282. IF: 4,6 Q1 D2	Pediatrics
Bermúdez-Barrezueta L, Mayordomo-Colunga J, Miñambres-Rodríguez M, Reyes S, Valencia-Ramos J, Lopez-Fernandez YM, Mendizábal-Diez M, Vivanco-Allende A, Palacios-Cuesta A, Oviedo-Melgares L, Unzueta-Roch JL, López-González J, Jiménez-Villalta MT, Tejedor MCM, González LA, Olmos AJ, Pons-Odena M. Implications of sedation during the use of noninvasive ventilation in children with acute respiratory failure (SEDANIV Study). CRITICAL CARE. 2024. -. DOI: 10.1186/s13054-024-04976-2. IF: 8,8 Q1 D1	Pediatrics
Alvarez FL, Fernández-Ramos JA, León RC, de la Rosa EI, Laso EL. Síndrome de pseudotumor cerebral en la población pediátrica: características clínicas, tratamiento y pronóstico. NEUROLOGIA. 2024. -. DOI: 10.1016/j.nrl.2021.04.013. IF: 2,9 Q2 D4	Pediatrics
Camara-Perez J, Jimena I, Rodriguez-Cano MA, Sanz-Zorrilla A, Osuna-Soto J, Sanchez-Ramirez I, Sanchez-Medianero T, Galvez-Medina MJ, Ortega-Salas R, Leiva-Cepas F. Acute and chronic mammary periprosthetic histological changes of the muscle. JPRAS OPEN. 2024. 265-275. DOI: 10.1016/j.jpra.2024.06.010. IF: 1,5 Q3 D	Plastic Surgery Unit
Cámara-Pérez J, Rodríguez-Cano MA, Zapata-Negreiros JC. Intraoperative Risk of Aerial Contamination of Breast Prosthesis During Augmentation Mammoplasty. INDIAN JOURNAL OF SURGERY. 2024. 143-145. DOI: 10.1007/s12262-023-03809-w. IF: 0,4 Q4 D	Plastic Surgery Unit
Gras-García EM, Ruiz-Azarola A. Walkability and cardiovascular risk factor mortality in the city of Granada. CIUDAD Y TERRITORIO-ESTUDIOS TERRITORIALES-CYTET. 2024. 439-454. DOI: 10.37230/CyTET.2024.220.5. IF: 0,8 Q3 D	Preventive Medicine
Rivas-García L, Quintana-Navarro GM, Alcalá-Díaz JF, Torres-Peña JD, Larriva APAD, Rangel-Zuñiga OA, López-Moreno A, Malagon MM, Katsiki N, Perez-Martinez P, Lopez-Miranda J, Delgado-Lista J. Association between Diet Quality and Risk of Type 2 Diabetes Mellitus in Patients with Coronary Heart Disease: Findings from the CORDIOPREV Study. NUTRIENTS. 2024. -. DOI: 10.3390/nu16081249. IF: 4,8 Q1 D2	Primary Care
Pérula-Jiménez C, Romero-Rodríguez E, Fernández-García JA, Parras-Rejano JM, Carmona-Casado AB, Rich-Ruiz M, González-De la Rubia A, Baleato-Gomez J. Effectiveness of a Motivational Interviewing-Based Intervention in Decreasing Risky Alcohol Use in Primary Care Patients in Spain: A Controlled Clinical Trial. HEALTHCARE. 2024. -. DOI: 10.3390/healthcare12191970. IF: 2,4 Q2 D5	Primary Care
Pérula-Jiménez C, Romero-Rodríguez E, Parras-Rejano JM, de la Rubia AG, Gómez JB, de Torres LAP. Effectiveness of a training program for the management of risky alcohol use in primary care professionals based on motivational interviewing. ATENCION PRIMARIA. 2024. -. DOI: 10.1016/j.aprim.2023.102835. IF: 1,8 Q2 D5	Primary Care

PUBLICATIONS	IMIBIC GROUP
Sánchez IMB, Aristizábal-Duque CH, Cabeza JF, Alvarez MV, Aparicio-Martínez P, Abellán MV, Ortiz MR, Rubio MDM, del Pozo FJF. Influence of Cardiovascular Risk Factors and Metabolic Syndrome on Epicardial Adipose Tissue Thickness in Rural Spanish Children and Adolescents. NUTRIENTS. 2024. -. DOI: 10.3390/nu16193321. IF: 4,8 Q1 D2	Primary Care
Onieva AR, Castro CAS, Morales VG, Vacas MA, Requena AH. Long COVID: Factors influencing persistent symptoms and the impact of gender. MEDICINA DE FAMILIA-SEMERGEN. 2024. -. DOI: 10.1016/j.semerg.2024.102208. IF: 0,9 Q4 D	Primary Care
Jimenez-Garcia C, Torres LAPD, Villegas-Becerril E, Muñoz-Gavilan JJ, Espinosa-Calvo M, Montes-Redondo G, Romero-Rodriguez E. Efficacy of an aloe vera, chamomile, and thyme cosmetic cream for the prophylaxis and treatment of mild dermatitis induced by radiation therapy in breast cancer patients: a controlled clinical trial (Alantel Trials). TRIALS. 2024. -. DOI: 10.1186/s13063-024-07901-8. IF: 2 Q3 D	Primary Care
Callejón-Leblic B, Espirilla SS, Gotera-Rivera C, Santana R, Díaz-Olivares I, Trigo JMM, Macario CC, Cosio BG, Fuster A, García IS, de-Torres J, Collado NF, Lopez CC, Diago CA, Plaza AR, Fraysse LAP, Martín EM, Royo MM, Vilarnau EB, Casanovas AL, González CM, Iturri JBG, Bautista CL, Gómez-Ariza JL, Pereira-Vega A, Seijo L, López-Campos L, Peces-Barba G, García-Barrera T. Heteroatom-tagged proteomics of lung cancer and chronic obstructive pulmonary disease human serum reveal alterations in selenoproteins. MICROCHEMICAL JOURNAL. 2024. -. DOI: 10.1016/j.microc.2024.110033. IF: 4,9 Q1 D2	Pulmonology Unit
Jurado-Robles I, Jurado-Gámez B, Collado NF, Molina-Luque R, Molina-Recio G. Influence of Comorbidity and Obesity on the Occurrence of Vascular Events in Obstructive Apnoea Treated with CPAP. NUTRIENTS. 2024. -. DOI: 10.3390/nu16183071. IF: 4,8 Q1 D2	Pulmonology Unit
Ruiz-Rull C, Jaén-Moreno MJ, del Pozo GI, Gómez C, Montiel FJ, Alcántara M, Carrión L, Chauca GM, Feu N, Guler I, Rico-Villademoros F, Camacho-Rodríguez C, Gutierrez-Rojas L, Mannino D, Sarramea F. Low lung function in Bipolar Disorder and Schizophrenia: a hidden risk. FRONTIERS IN PHYSIOLOGY. 2024. -. DOI: 10.3389/fphys.2024.1335798. IF: 3,2 Q2 D3	Pulmonology Unit
Ruiz-Rull C, Jaén-Moreno MJ, Pozo GID, Camacho-Rodríguez C, Rodríguez-López M, Rico-Villademoros F, Otero-Ferrer JL, Feu N, Reyes-López M, Fiestas RM, Laguna-Muñoz D, Jiménez-Peinado A, Mannino D, Vieta E, Sarramea F. Lung function decline in people with serious mental illness: A call to action. EUROPEAN NEUROPSYCHOPHARMACOLOGY. 2024. 41-46. DOI: 10.1016/j.euroneuro.2024.09.004. IF: 6,1 Q1 D1	Pulmonology Unit
Murias E, Puig J, Serna-Candel C, Gonzalez EM, Moreu M, Jiménez-Gómez E, SanRoman L, Aparici-Robles F, Terceño M, Martínez AM, Aixut S, Romero V, Mendez JC, Sagredo-Barra A, Aguilar Y, de Rueda ME, Blázquez MAC, Bashir S, Castro JR, Lopez-Frías A, Jiménez JM, Chaviano J, Maestro V, Manso J, Lopez-Rueda A, Remollo S, Morales-Caba L, Comas-Cufí M, Vega P. Enhancing the First-Pass Effect in Acute Stroke: The Impact of Stent Retriever Characteristics. JOURNAL OF CLINICAL MEDICINE. 2024. -. DOI: 10.3390/jcm13113123. IF: 3 Q1 D2	Radiodiagnosis and breast cancer
de Mier MVPR, Santamaría R, Moyano-Peregrín C, Gordillo JE, Salmoral-Chamizo A, López-López I, Rodelo-Haad C, Valle C, Membrives-González C, López-Ruiz DJ, Alvarez-Benito M, López-Baltanás R, Torralbo AI, Valdés-Díaz KC, García-Sáez RM, Jurado-Montoya D, Pinaglia-Tobaruela G, Martínez-Moreno JM, Martín-Malo A, Soriano S, Rodríguez M, Rodríguez-Ortiz ME, Muñoz-Castañeda JR. Bone and vascular effects of magnesium supplements in CKD patients (the MagicalBone Pilot Study). NEFROLOGIA. 2024. 721-730. DOI: 10.1016/j.nefro.2024.02.003. IF: 2 Q2 D5	Radiodiagnosis and breast cancer
Flores-Paco P, Vargas-Aliaga A, Guevara MG, Lopera I, Ruiz LR, López-Herrero M, Camús JA, Lopez-González J, Inga-Saavedra E, Montero M, Barneto I, Gómez-España MA, Ruiz E, Ruza M, Armenta A, Palacios A, de la Haba-rodríguez JR, Aranda E. A new updated prognostic index for patients with brain metastases (BMs) treated with palliative whole brain radiotherapy (WBRT) in the era of precision oncology. METASNCORE project. JOURNAL OF NEURO-ONCOLOGY. 2024. 407-413. DOI: 10.1007/s11060-024-04618-1. IF: 3,2 Q2 D3	Radiotherapy Oncology

PUBLICATIONS	IMIBIC GROUP
Villegas-Becerril E, Jimenez-Garcia C, Torres LAPD, Espinosa-Calvo M, Bueno-Serrano CM, Romero-Ruperto F, Gines-Santiago F, Moreno-Manzanaro MC, Muñoz-Gavilan JJ, Montes-Redondo G, Quesada-Roman MA, Linares-Ramirez MC, Parras-Rejano JM, Muñoz-Alcaraz N, Maestre-Serrano MD, Romero-Rodriguez EM. Efficacy of an aloe vera, chamomile, and thyme cosmetic cream for the prophylaxis and treatment of mild dermatitis induced by radiation therapy in breast cancer patients (the Alantel study). CONTEMPORARY CLINICAL TRIALS COMMUNICATIONS. 2024. -. DOI: 10.1016/j.conctc.2024.101288. IF: 1,4 Q4 D	Radiotherapy Oncology
Jimenez-Garcia C, Torres LAPD, Villegas-Becerril E, Muñoz-Gavilan JJ, Espinosa-Calvo M, Montes-Redondo G, Romero-Rodriguez E. Efficacy of an aloe vera, chamomile, and thyme cosmetic cream for the prophylaxis and treatment of mild dermatitis induced by radiation therapy in breast cancer patients: a controlled clinical trial (Alantel Trials). TRIALS. 2024. -. DOI: 10.1186/s13063-024-07901-8. IF: 2 Q3 D	Radiotherapy Oncology
Márquez-Rodas I, Alvarez A, Arance A, Valduviego I, Berciano-Guerrero MA, Delgado R, Soria A, Campos FL, Sánchez P, Romero JL, Martin-Liberal J, Lucas A, Díaz-Beveridge R, Conde-Moreno AJ, de la Gala MDA, García-Castaño A, Prada PJ, Cao MG, Puertas E, Vidal J, Foro P, de la Rosa CA, Corona JA, Cerezuela-Fuentes P, López P, Luna P, Aymar N, Puértolas T, Sanagustín P, Berrocal A. Encorafenib and binimetinib followed by radiotherapy for patients with BRAFV600-mutant melanoma and brain metastases (E-BRAIN/GEM1802 phase II study). NEURO-ONCOLOGY. 2024. 2074-2083. DOI: 10.1093/neuonc/noae116. IF: 16,4 Q1 D1	Radiotherapy Oncology
Montes-Comino M, De la Torre-López LE, Guillén-Climent S, Mayordomo-Riera FJ. Ultrasonography-guided percutaneous release of A3 pulley of the fifth finger to treat trigger finger: Description of the technique, with reference to a specific case. ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA. 2024. 77-79. DOI: 10.5152/j.aitt.2024.23086. IF: 1,1 Q3 D	Rehabilitation
de Mier MVPR, Santamaría R, Moyano-Peregrín C, Gordillo JE, Salmoral-Chamizo A, López-López I, Rodelo-Haad C, Valle C, Membrives-González C, López-Ruiz DJ, Alvarez-Benito M, López-Baltanás R, Torralbo AI, Valdés-Díaz KC, García-Sáez RM, Jurado-Montoya D, Pinaglia-Tobaruela G, Martínez-Moreno JM, Martín-Malo A, Soriano S, Rodríguez M, Rodríguez-Ortiz ME, Muñoz-Castañeda JR. Bone and vascular effects of magnesium supplements in CKD patients (the MagicalBone Pilot Study). NEFROLOGIA. 2024. 721-730. DOI: 10.1016/j.nefro.2024.02.003. IF: 2 Q2 D5	Rheumatology
Carriquí-Arenas S, Mosquera JM, Quesada-Masachs E, López M, Clemente D, Boteanu A, Udaondo C, de Inocencio J, Nieto JC, Riancho L, Núñez E, Sánchez-Manubens J, Lirola MJ, Roldán R, Camacho M, Martínez M, Medrano M, Alcañiz P, Antón J, Iglesias E. Clinical characteristics and prognostic factor in juvenile dermatomyositis: data of the Spanish registry. PEDIATRIC RHEUMATOLOGY. 2024. -. DOI: 10.1186/s12969-024-00999-9. IF: 2,8 Q1 D2	Rheumatology
Llop M, Gómez-García I, Gratacós J, Villoria A, Calvet J, Moreno M, Arévalo M, Cabanillas-Paredes M, Collantes-Estévez E, Vazquez-Mellado J, López-Medina C. Inflammatory bowel disease in axial spondyloarthritis patients. Is there any specific clinical picture? Data from the RESPONDIA and REGISPONSER registries. THERAPEUTIC ADVANCES IN MUSCULOSKELETAL DISEASE. 2024. -. DOI: 10.1177/1759720X241303316. IF: 3,4 Q2 D3	Rheumatology
Aparisi-Climent V, Sequi-Sabater JM, Collar-Del Castillo JI, Sequi-Canet JM. Influence of umbilical cord pH on the outcome of hearing screening with otoacoustic emissions in healthy newborns. ACTA OTORRINOLARINGOLOGICA ESPANOLA. 2024. 1-7. DOI: 10.1016/j.otorri.2022.12.003. IF: 0,9 Q3 D	Rheumatology
Minarro JC, Bassi C, Boltuch A, Urbano-Luque M, Buijze GA, Lafosse L, Lafosse T. Subacromial Balloon Spacer Does Not Reduce the Retear Rate for Massive Rotator Cuff Tears: A Comparative Study. ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY. 2024. 242-248. DOI: 10.1016/j.arthro.2023.06.032. IF: 4,4 Q1 D1	Traumatology

PUBLICATIONS	IMIBIC GROUP
Ruiz-Ramos J, Alquézar-Arbé A, Juanes-Borrego A, González-del-Castillo J, Jacob J, Burillo G, Aguiló S, Fernandez C, Plaza-Díaz A, Millán-Soria J, Jara-Torres G, López-Delmas N, Muñoz-Triano E, Martín-Durán C, Delgado-Sardina V, Gallardo-Sánchez BA, Osorio-Quispe IG, Real-López A, Gordo-Remartinez S, González-Ferreira L, alvarez-Madrigal A, Martínez-Ibarreta-Zorita J, Sanchez-Moreno M, Sanchez-Moreno M, Sánchez-Serrano JA, Hernando-Fernández R, Turcios-Torres J, Ponte-Márquez P, Miró O. Association of Benzodiazepine Prescription With Short-Term Prognosis in Elderly Patients Attended in Emergency Department: Results From the EDEN PROJECT. PHARMACOEPIDEMIOLOGY AND DRUG SAFETY. 2024. -. DOI: 10.1002/pds.70044. IF: 2,4 Q3 D	Urgencies
Cuerpo S, Aguiló S, Poblete-Palacios MF, Burillo-Putze G, Alquézar-Arbé A, Jacob J, Fernández C, Llorens P, Montero-Pérez FJ, Iglesias-Frax C, Quero-Motto E, Escudero-Sánchez C, Poch-Ferrer EA, Hong-Cho JU, Casado-Ramón B, Gayoso-Martín S, Sánchez-Sindín G, Fernández-Alvarez ME, Puiggali-Ballard M, Trejo O, Llauger L, Garrido-Acosta L, Calle-Fernández S, Molina L, Martínez-Juan M, Gómez-García G, Del Valle PR, López-Grima ML, Rull-Bertrán P, del Castillo JG, Miró O. Epidemiological and clinical management aspects of pneumonias diagnosed in the emergency department in elderly patients in Spain: results of the EDEN-29 Study. ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA. 2024. 420-429. DOI: 10.1016/j.eimc.2023.10.015. IF: 2,6 Q3 D	Urgencies
Alonso CF, Ferrer MF, Llorens P, Burillo G, Alquezar-Arbe A, Jacob J, Montero-Perez FJ, Aguilo S, Cunado VA, Al Arud LA, Sanchez CE, Ferret EAP, Cho JUH, Martinez-Berganza MTE, Martin SG, Sindin GS, Zapico AP, Rivas MCP, Grande ALD, Llauger L, Valles CR, Quero LM, Gonzalez RJ, Ruescas E, Salgado FF, Gallardo RR, Gomez MAD, Barco MM, del Castillo JG, Miro O. Impact of First Wave of COVID-19 Pandemic on Mortality at Emergency Department in Older Patients with COVID and Non-COVID Diagnoses. GERONTOLOGY. 2024. 379-389. DOI: 10.1159/000535913. IF: 3,1 Q3 D	Urgencies
Miró O, Aguiló S, Alquézar-Arbé A, Fernández C, Burillo G, Martínez SG, Larrull MEM, Periago ABB, Molinas CLA, Falcón CR, Dacosta PB, Flores RCC, Calzada JN, Blesa EMF, Martín MAP, Requena AC, Fuentes L, Cortizo IL, Garcinuño PG, García MB, Del Valle PR, Campos RB, Jiménez VC, Cuñado VA, Gutiérrez OT, Reviriego MDS, Roussel M, del Castillo JG. Overnight stay in Spanish emergency departments and mortality in older patients. INTERNAL AND EMERGENCY MEDICINE. 2024. 1653-1665. DOI: 10.1007/s11739-024-03660-1. IF: 3,2 Q1 D2	Urgencies
García-Lamberechts EJ, Ferrer MF, Fernández-Alonso C, Burillo-Putze G, Aguiló S, Alquezar-Arbé A, Montero-Pérez FJ, Jacob J, Salmerón PP, Mota MS, Marchena MJ, Alonso AM, García AC, de la Iglesia CG, Ungerer OJT, Eiroa-Hernandez P, Parra-Esquivel P, Aragüés PL, Nieto PG, Cardeñosa SC, García CC, Lazaro LS, Martínez MC, Guillen L, Martos RM, del Castillo JG, Miró O. Predictive usefulness of qSOFA, NEWS and GYM scores in the elderly patient: EDEN-5 study. ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA. 2024. 468-477. DOI: 10.1016/j.eimc.2023.07.004. IF: 2,6 Q3 D	Urgencies
Villén T, Tung YL, Llamas R, Neria F, Carballo C, Vázquez JL, Monge D. Results of the implementation of a double-check protocol with point-of-care ultrasound for acute heart failure in the emergency department. ULTRASOUND JOURNAL. 2024. -. DOI: 10.1186/s13089-024-00373-6. IF: 3,6 Q1 D2	Urgencies
Miró O, Osorio GI, Alquézar-Arbé A, Aguiló S, Fernández C, Burillo G, Jacob J, Montero-Pérez FJ, García-Lamberechts EJ, Piñera P, Valles CR, Fernández EC, Molina L, Ruescas E, Salgado FF, Almela AFS, Gómez MAD, Marti SG, López-Laguna N, Acosta JG, Vera MTM, García AG, Ezponda P, Lorenzo AM, Liarte JVO, Ramón SS, Ramos JR, del Castillo JG. Sex- and age-related patterns in the use of analgesics in older patients in the emergency department. EUROPEAN JOURNAL OF EMERGENCY MEDICINE. 2024. 108-117. DOI: 10.1097/MEJ.0000000000001096. IF: 3,1 Q1 D2	Urgencies
Jacob J, Fuentes E, Castillo JGD, Bajo-Fernández I, Alquezar-Arbé A, García-Lamberechts EJ, Aguiló S, Fernández-Alonso C, Burillo-Putze G, Piñera P, Llorens P, Jimenez S, Gil-Rodrigo A, Tembleque-Sánchez JS, López-Diez MP, Iglesias-Vela M, Pérez-Costa RA, López-Pardo M, González-González R, Carrión-Fernández M, Escudero-Sánchez C, Adroher-Muñoz M, Trenc-Español P, Gayoso-Martín S, Sánchez-Sindín G, Cirera-Lorenzo I, Pazos-González J, Rizzi M, Llauger L, Miró O. Use of diagnostic tests in elderly patients consulting the emergency department. Analysis of the emergency department and elder needs cohort (EDEN-8). AUSTRALASIAN EMERGENCY CARE. 2024. 268-275. DOI: 10.1016/j.auec.2024.06.004. IF: 1,2 Q2 D3	Urgencies

PUBLICATIONS	IMIBIC GROUP
García RM, Piñera-Salmerón P, Jacob J, del Castillo JG, Montero-Pérez FJ, Alquézar-Arbé A, García-Lamberechts EJ, Aguiló S, Fernández-Alonso C, Burillo-Putze G, Gil-Rodrigo A, Llorens P, Mota MS, Chaib FB, García JP, Baena SB, Giménez DEM, Díez MPL, Martín MM, Romero MR, Company TB, Borrego BV, Fernández MC, Sánchez CE, Muñoz MA, Miró O. Clinical course in older patients diagnosed with syncope treated in Spanish emergency departments: results from the Emergency Department and Elder Needs-17 study. EMERGENCIAS. 2024. 281-289. DOI: 10.55633/s3me/045.2024. IF: 5,4 Q1 D1	Urgencies
Cuerpo S, Aguiló S, Alquézar-Arbé A, Fernández C, Burillo G, Jacob J, Montero-Pérez FJ, García-Lamberechts EJ, Piñera P, Blázquez BE, de la Iglesia CG, Quesada SF, Vaswani-Bulchand A, Rodríguez-Cabrera M, Aragüés PL, Díaz-Guerra MLP, González FXA, Alcaraz AP, Collado JM, Torres GJ, Fuentes L, Martos RM, López AR, Hernández RJG, García JP, Trian EM, del Castillo JG, Miró O. Tachypnea in response to hypoxemia decreases with age in older patients. GERIATRICS & GERONTOLOGY INTERNATIONAL. 2024. 1120-1129. DOI: 10.1111/ggi.14965. IF: 2,4 Q2 D4	Urgencies
García-Morales L, Contreras-Matos FJ, Blanca-Pedregosa A, Mellado-Castillero A, Campos-Hernández JP, Lara MF, Puche-Sanz I, Gómez-Gómez E. Multi-Centre Study of Progression Factors and Intravesical Recurrence in Patients with Urothelial Carcinoma of the Upper Urinary Tract. DIAGNOSTICS. 2024. -. DOI: 10.3390/diagnostics14222491. IF: 3 Q1 D2	Urology

15.2 THESES DEFENDED IN 2024

PHD STUDENT	TITLE OF THE THESIS	IMIBIC GROUP
Francisco Javier González García	EVALUATION OF FACTORS INFLUENCING MORBIDITY AND EARLY AND LONG-TERM SURVIVAL FOLLOWING LUNG TRANSPLANTATION	GA01 Lung Transplants. Thoracic Neoplasms; GC31 Comprehesive Nursing Care. Multidisciplinary Perspective
Víctor Amado Torres	Kinetics of circulating tumor cell elimination in patients with hepatocarcinoma undergoing liver resection or transplantation.	GC02 Liver and digestive diseases
Silvia Guillén Climent	APPLIED TECHNOLOGY IN NEUROREHABILITATION: EVALUATION OF THE USABILITY AND EFFECTIVENESS OF ADVANCED TECHNOLOGY-ASSISTED THERAPIES IN STROKE PATIENTS.	GC28 Neuroplasticity and Oxidative Stress
Ana Mantrana Soldado	TARGETING METABOLISM TO IMPROVE IMMUNOTHERAPY IN GSNOR-DEFICIENT COLORECTAL CANCER	GC06 New Therapies in Cancer
Prudencio Sáez Martínez	The somatostatin/cortistatin/neuronostatin system and RNA-exosome complex as novel sources for the identification of useful diagnostic, prognostic and therapeutic tools in prostate cancer	GC27 OncObesity and Metabolism
Elena Raya Cano	Association between the Metabolic Syndrome and proinflammatory variables. Systematic Review and Meta-Analysis.	GE10 Clinical and Epidemiological Research in Primary Care (GICEAP)
Rosario Medina Medina	“PROTEOMIC MARKERS OF RESPONSE TO ANTITNF TREATMENT IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE”	GC02 Liver and digestive diseases
Jaime David López Alcalá	Characterization of the intracellular connections defining adipose tissue dysfunctional expansion in obesity	GC11 Metabolism and Adipocyte Differentiation- Metabolic Syndrome
Cristina Hidalgo Moyano	“PRECISION NUTRITION TO MODULATE THE RHYTHM OF BIOLOGICAL SENESCENCE IN PATIENTS AT HIGH CARDIOVASCULAR RISK”	GC09 Nutrigenomics. Metabolic Syndrome
Pablo Álvarez Heredia	“IDENTIFICATION OF IMMUNOSENESCENCE MARKERS IN MODELS OF CARDIOVASCULAR DISEASE, INFECTION AND INFLAMMATORY BASED DISEASES”	GC01 Immunology and Allergy
Javier Villena Salinas	DIAGNOSTIC EFFECTIVENESS OF [123I]IOFLUPANE BRAIN SPECT IN MULTIPLE SYSTEM ATROPHY	GC28 Neuroplasticity and Oxidative Stress
Gema León Bravo	IMPACT OF EARLY CRANIOSACRAL EVALUATION AND TREATMENT ON OPTIMIZATION OF CHILD NEURODEVELOPMENT	GC28 Neuroplasticity and Oxidative Stress
Antonio Jesús Montero Hidalgo	“Spliceosomic approach in genitourinary tumors: identification of novel biomarkers and therapeutic targets”	GC27 OncObesity and Metabolism

PHD STUDENT	TITLE OF THE THESIS	IMIBIC GROUP
Cristina Pericet Rodríguez	LATE COMPLICATIONS AFTER AORTIC STENTING FOR COARCTATION OF THE AORTA. VERY LONG TERM FOLLOW UP	GC15 Cardiovascular Diseases
Diana Corona Mata	OPTIMIZATION OF CLINICAL MANAGEMENT OF VIRAL INFECTIOUS DISEASES IN DRUG USERS	GC26 Clinical virology and zoonosis
Francisca Valenzuela Molina	INTRATUMOUR OXYGEN PRESSURE AND REDOX HOMEOSTASIS IN PSEUDOMYXOMA PERITONEI	GE09 Research in peritoneal and retroperitoneal oncological surgery
Irene Sánchez León	Heteroresistance to colistin in clinical isolates of Klebsiella pneumoniae with wild-type resistance phenotype or producing OXA-48 carbapenemase	GC24 Clinical and Molecular Microbiology
Ricardo Blázquez Encinas-Rey	Study of RNA biology and splicing in pancreatic cancer and neuroendocrine tumors	GC08 Hormones and Cancer
Francisco José Rodríguez Cortés	Chronodisruption and cardiovascular events: Impact of Daylight Saving Time and the Covid-19 pandemic.	GC31 Comprehesive Nursing Care. Multidisciplinary Perspective
Alicia Podadera Herreros	INFLUENCE OF OBESITY ON THE EVOLUTION OF DIABETIC NEPHROPATHY: CONSUMPTION OF TWO HEART-HEALTHY DIET MODELS AS THERAPEUTIC STRATEGY IN DISEASE DEVELOPMENT	GC09 Nutrigenomics. Metabolic Syndrome
Jorge Perea Armijo	“Improvement of ejection fraction in heart failure patients with reduced ejection fraction: predictors of improvement and its clinical impact in the medium and long term”	GC15 Cardiovascular Diseases
Pedro Naranjo Bonilla	“Effects of continuous positive airway pressure on the retina, choroid, optic nerve and intraocular pressure in patients with obstructive sleep apnea”	GE07 Visual Quality
Anisbed Naranjo Rojas	Design and evaluation of the effectiveness of a digital health platform for monitoring the clinical status of patients receiving home oxygen therapy. Randomised clinical trial.	GE10 Clinical and Epidemiological Research in Primary Care (GICEAP)
Raquel Ena María Granados	Assessment of peripheral manifestations in patients with spondyloarthritis and their impact on disease burden and treatments used	GC05 Systemic and chronic inflammatory autoimmune diseases of the locomotor system and connective tissue

