



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. **Víctor 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. Ma 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 PRECISEADS 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**



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12:30 – 13:30

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

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 Puyar

→ **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**

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

→ **IIIe. 16:45 – 17:00**

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



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**

Dysregulation of splicing machinery in craniopharyngiomas: PRPF8 and RAVR1 as novel putative diagnostic and prognostic biomarkers and therapeutic targets. **José Hernández Hernández**

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. **Daniel Pastor Wulf**

→ **VIe. 12:15 – 12:30**

Serological and molecular survey of rat hepatitis E virus (Rocahepevirus ratti) 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)**



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