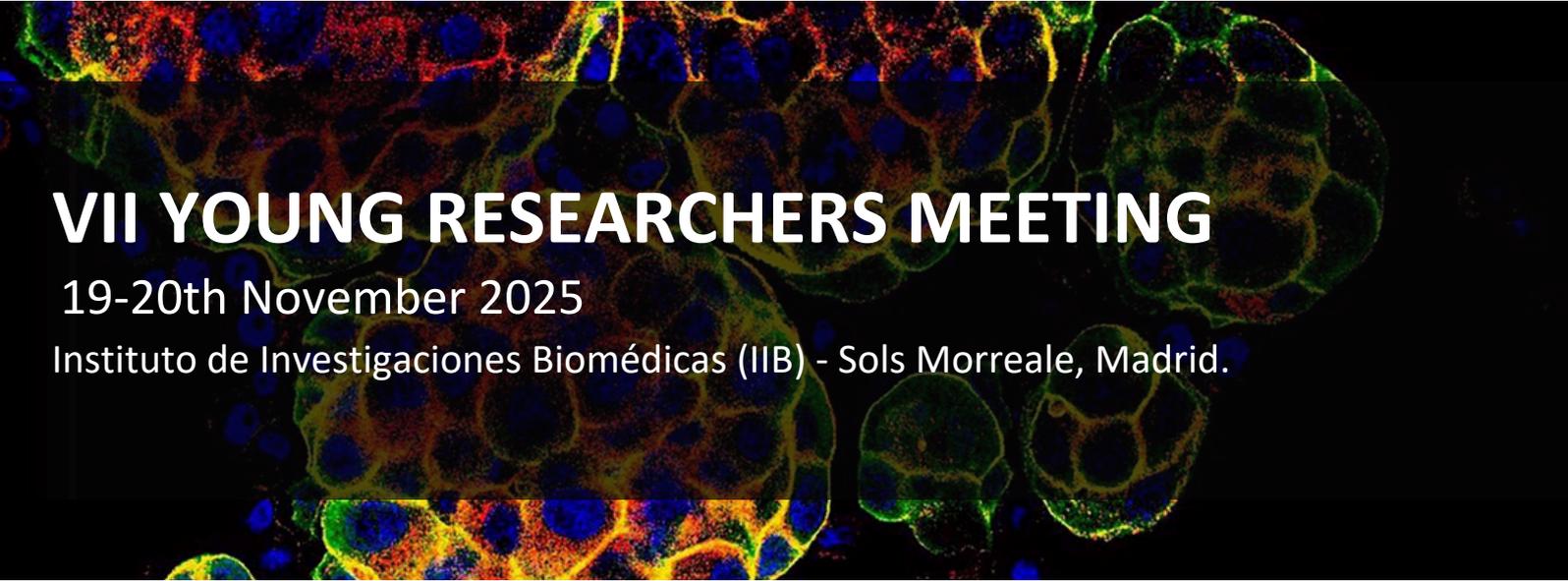


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# VII YOUNG RESEARCHERS MEETING

19-20th November 2025

Instituto de Investigaciones Biomédicas (IIB) - Sols Morreale, Madrid.

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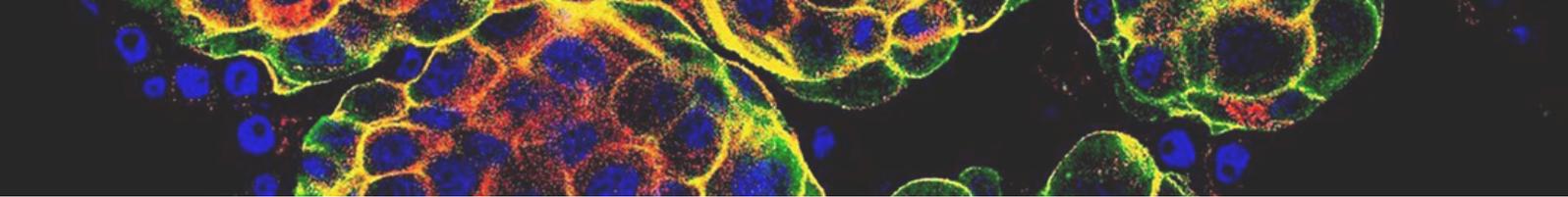


MINISTERIO  
DE CIENCIA, INNOVACIÓN  
Y UNIVERSIDADES



Instituto  
de Salud  
Carlos III

*ciber* | **ONC**



# VII YOUNG RESEARCHERS MEETING

19-20th November 2025

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Welcome to the **VII Young Researchers Meeting**, taking place on November **19th–20th, 2025, in Madrid**.

This meeting aims to provide a dynamic and collaborative platform for young and senior scientists to present and discuss their latest research and advancements in the field of cancer. Over the course of the two-day event, we will showcase a diverse program of oral and poster presentations, highlighting the work of emerging researchers across multiple disciplines within cancer research.

In addition to the contributions from young researchers, the event will feature keynote lectures and round table discussions with leading experts, who will offer insights and guidance to inspire the next generation of scientists.

To recognize excellence in scientific communication, awards will be given for the best oral presentations by pre-doctoral and post-doctoral researchers, as well as the best poster presentation. We look forward to welcoming you in Madrid for an exciting and enriching scientific experience. Thank you, and see you at the **VII Young Researchers Meeting!**

Don't want to miss any news from VII Young Researchers Meeting? Follow us on X (@CIBER\_ISCIII) to always be up to date with the news from our meeting!

## Organizing Committee



Mireia Ramos Muntada, Postdoctoral Researcher (ICO-IDIBELL)

Marta Cano Galietero, PhD Student (VHIR)

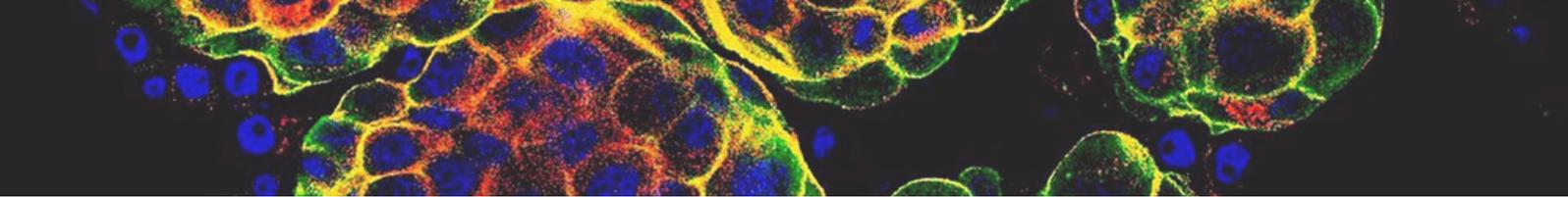
Mikel Pujana Vaquerizo, Postdoctoral Researcher (CICbioGUNE)

Pablo Ovejero Romero, PhD Student (VHIO)

Cristina Martínez Valiente, Postdoctoral Researcher (IISLaFE)

Ester Munera Maravilla, Postdoctoral Researcher (FIHGUV)

Don't hesitate to  
contact us!



## Wednesday 19<sup>th</sup>

9:30 - 10:00 | Registration

10:00 - 10:30 | Welcome - **Anna Bigas**, CIBERONC Scientific Director

### 10:30 - 11:30 Keynote Lecture

Chairs: Mireia Ramos, Cristina Martínez

*Connecting Inflammation and Cancer Through Stress-Activated Signaling Kinases*

**Ana Cuenda** - Centro Nacional de Biotecnología (CNB)

### 11:30 - 12:15 Session I: Cancer Genomics, Epigenetics and Personalized Medicine

11:30 - 11:45 | *Identification of DNA damage repair (DDR) factors susceptible to be therapeutically approached in Ewing Sarcoma* - Esther Cruz Zambrano

11:45 - 12:00 | *Methodological comparison for tumor cell detection in Waldenström's macroglobulinemia* - Patricia Pérez Guijorro

12:00 - 12:15 | *CRISPR- and mutational signature-based assay in human cells to evaluate proofreading deficiency in POLE and POLD1 variants* - Julen Viana Errasti

### 12:15 - 12:45 Coffee Break & Poster Session

### 12:45 - 13:30 Session II: Tumor Microenvironment and Stromal interactions

Chairs: Ester Munera, Marta Cano

12:45 - 13:00 | *Tumor-intrinsic GSK-3β orchestrates stromal remodeling and immune escape in colorectal cancer: unveiling a therapeutic opportunity* - Aurora Rivas Crespo

13:00 - 13:15 | *Targeting Breast Cancer with Mitochondrial Inhibitors Delivered via Tunneling Nanotubes* - Inés Saenz de Santa María

13:15 - 13:30 | *Aggressive Transcriptomic Landscape of Postpartum Breast Cancer and Potential Early Risk Signatures in Adjacent Normal Tissue* - Regina Peña Enríquez

### 13:30 - 14:15 Round Table - Life After the PhD: Academia, Industry and Beyond

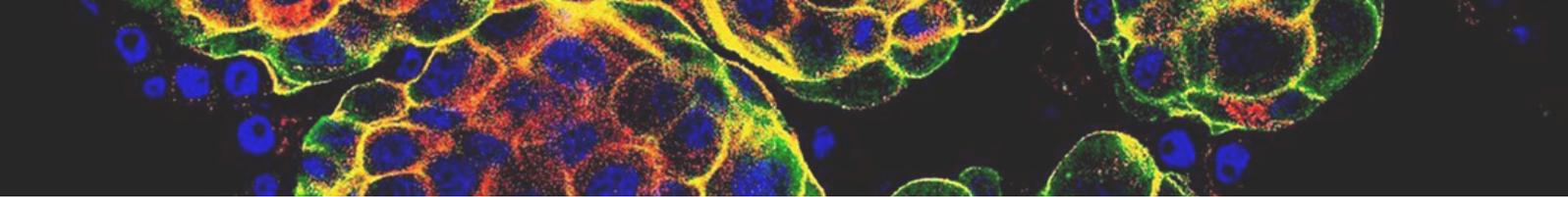
**Rosario Hervás** - Merck España

**Verónica Llorens** - Centro de Investigación Príncipe Felipe (CPIF)

**Javier Carmona** - Vall d'Hebron Institute of Oncology (VHIO)

**Paula Mayorga-Burrezo** - Institut de Ciència de Materials de Barcelona (ICMAB)

### 14:15 - 15:15 Lunch Break



Wednesday 19<sup>th</sup>

**15:15 - 16:15 Keynote Lecture**

Chairs: Cristina Martínez, Marta Cano

*Role of SWI/SNF alterations in cellular plasticity, tumor progression and treatment in lung cancer* - Ignacio Varela (IBBTEC)

**16:15 - 16:45 Pitch your Project**

Chairs: Pablo Ovejero, Mikel Pujana

*Disitamab Vedotin Outperforms Trastuzumab-Emtansine and Overcomes Secondary Resistance to HER2- Targeted Drugs in Breast Cancer* - Mónica Redondo Puente

*The Genomic Landscape of Bladder Cancer: Insights from Copy Number Alteration Profiles* - Ane Moreno Oya  
*Patient-derived tumor tissue cultures (PDTTCs) as a new platform for assessing T cell engager efficacy in glioblastoma* - Raffaella Lurlaro

*Fanca-Ko Mice Exhibit Age-Dependent High-Frequency Oral Cavity Lesion Development* - Sonia del Marro  
*Uncovering mechanisms of chemo- and radioresistance in head and neck squamous cell carcinomas through genome- wide loss-of-function CRISPR/Cas9 screening* - Israel Rivera García

**16:45 - 17:30 Session III: Targeted Therapies and Resistance Mechanisms in cancer**

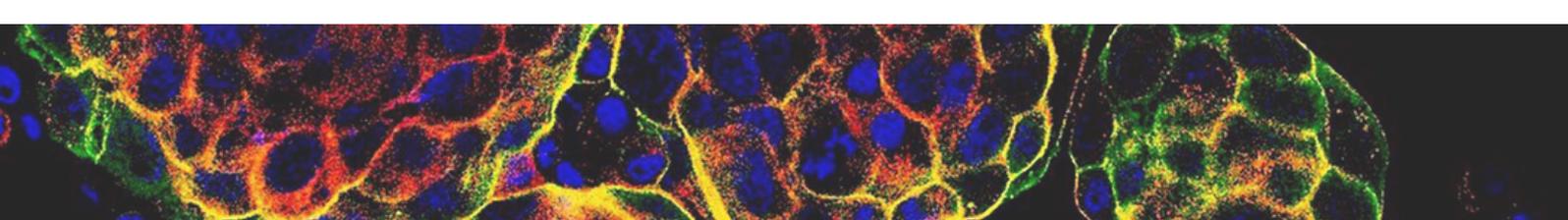
16:45 - 17:00 | *High CD70 expression in newly diagnosed Follicular Lymphoma is linked to relapse and may be exploited through dual CD19 - CD70 CAR-T therapy* - Maria Ros

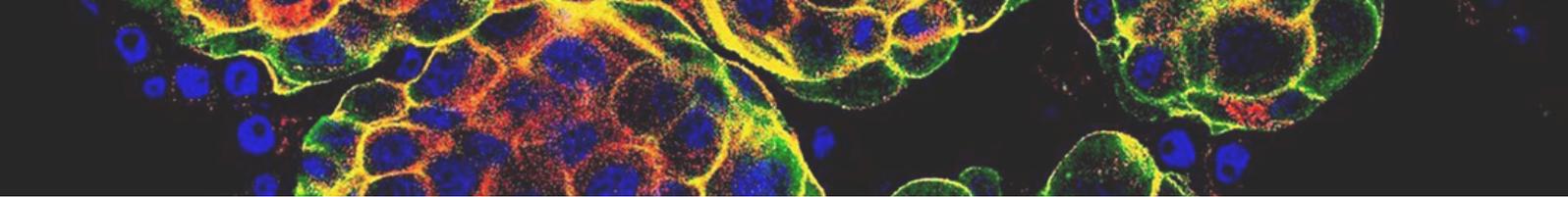
17:00 - 17:15 | *Therapeutic Potential of a Polypeptide Nanocarrier in Ewing Sarcoma Using 3D Hydrogels* - Carlos Estellés

17:15 - 17:30 | *Molecular mechanisms of high-fat diet as a risk factor for pancreatic ductal adenocarcinoma (PDAC) initiation and progression* - Ana Galván del Rey

**17:30 - 18:30 Sustainability Activity and Good Laboratory Practices**

Chair: Marta Cano





**Thursday 20<sup>th</sup>**

**9:00 - 9:45 Session IV: Targeted Therapies and Resistance Mechanisms in cancer II**

Chairs: Mikel Pujana, Pablo Ovejero

- 9:00 - 9:15 | **CD36-mediated lipid scavenging drives metabolic remodeling in B-cell lymphoma** - Adrián Arnaiz Leché
- 9:15 - 9:30 | **SOS2 genetic ablation enhances the efficacy of pharmacologic SOS1 inhibition in KRASG12D driven LUAD** - Pablo Rodríguez Ramos
- 9:30 - 9:45 | **PRC2 and MYC Pathways Drive Fetal Conversion in Drug-Tolerant Persister Cells** - Ángela Montoto

**9:45 - 10:15 Pitch your Project**

**Generation of Patient-Derive Organoides from Uterine Aspirates of Endometrial Cancer Patients as a Preclinical Model for Testing Novel Therapies** - Sónia López Landrove

**Proteomic Differences Between High- and Low-Grade Medullary Thyroid Carcinomas** - Ignacio Ruz - Caracuel

**Cancer-associated fibroblasts promote resistance to HER2- targeted therapies through dysregulation of the Hippo pathway in HER2-positive breast cancer** - Miriam Molares Gallego

**Single-cell Multiomics Based Multidimensional Flow Cytometry (MFC) for Measurable Residual Disease (MRD)**

**Assessment in Patients (pts) With Acute Myeloid Leukemia (AML)** - Carmen González

**Preclinical Modeling of CDK4/6 Inhibitor and Endocrine Therapy Resistance in ER+ Metastatic Breast Cancer Using Patient-Derived Xenografts** - Cristina Molina Gutiérrez

**10:15 - 10:45 Coffee Break & Poster Session**

**10:45 - 11:45 Keynote Lecture**

Chairs: Mireia Ramos, Ester Munera

**Understanding inherited predisposition to blood cancers**

**Ana Rio-Machin** - IIS Fundación Jiménez Díaz (IIS-FJD)

**11:45 - 12:30 Session V: Early cancer detection and Emerging Technologies**

11:45 - 12:00 | **Biomimetic nanophotonic technologies for preclinical in vitro evaluation of cell immunotherapies** - Raquel Gomes Rua

12:00 - 12:15 | **Plasma Exosomes from Individuals with HIV and Cancer Enhance Tumor Cell Proliferation and Migration** - Asier Ureta

12:15 - 12:30 | **Proteomics Characterization Of Both Human And Microbiota Proteomes In Ffpe Colorectal Cancer Cohort Redefine The Colorectal Cancer Consensus Molecular Subtypes** - Fernando Becerril

**12:30 - 13:30 Workshop - Mental health in science**

**Derek Clougher** - Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS)

**13:30 - 14:00 Closing Remarks, Awards and Quiz**

**14:00 - 15:00 Lunch**

**Cultek BioLab**

**SARSTEDT**

