



# IIBM PhD Day

## 1<sup>st</sup> Edition

23<sup>rd</sup> January 2026

Instituto de Investigaciones  
Biomédicas Sols-Morreale

Sponsored by:



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# IIBM PhDay | Programme

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9:00	<b>Registration</b>
9:30	<b>Welcome</b> Pilar López Larrubia (IIBM Director)
9:45	<b>Celebrating the Legacy of Gabriela Morreale and Alberto Sols</b> María Jesús Obregon and Lisardo Boscá
10:45	<b>Uncovering Low-Level Biomarkers in Neurological Disease for Early Therapeutic Intervention with SMC™ Immunoassay Technology</b> - Elena López Jiménez (Merck)
11:15	<b>Coffee Break and Poster Session</b>
12:15	<b>Oral Session</b> (see more about it in the next page!)
13:15	<b>Career opportunities in the pharmaceutical and biotechnology industry and in medical and health technologies</b> - Talento EPHOS & Jorge Minguez Martínez
14:15	<b>Lunch and Poster Session</b>
15:45	<b>Awards</b>
16:00	<b>Developing a Clinically Viable MYC Inhibitor: to Boldly Go Where No One Has Gone Before</b> - Laura Soucek
16:45	<b>From lived experience to public impact: Artistic strategies for communicating chronic illness</b> - M. Elisa González García
17:30	<b>Guide to not jumping out the window</b> - Ignacio Crespo
18:15	<b>Concluding Remarks</b>

## Oral Session communications

- New Protective Agents Based on Polymeric Nanoparticles and Quinolylnitrones for Noise-Induced Hearing Loss - **Iara Inés Méndez**
- Metagenomics and Food Imaging for Dietary Assessment in Celiac and Overweight Cohorts - **Blanca Lacruz Pleguezuelos**
- NOX4 Is Critical for Cochlear Homeostasis: its deficiency leads to Early-Onset Hearing Loss and Cochlear Degeneration in Mice - **Marina Tapias Martín**
- Preconditioned Platelets in Atherosclerosis: A Key Link to Tumor Progression - **María Fernández**
- The Role of Oxidative Stress and Mitochondrial Dysfunction in the Development of Side Effects of Aripiprazole and Olanzapine in the Cardiovascular Context - **Laura Doblado Bueno**
- Sex-Specific Parvalbumin Interneuron Dysfunction and mPFC Disinhibition in a Dual Hit Schizophrenia Model - **Blanca Sánchez Moreno**
- Effect of NRF2 Induction in an Alzheimer's Disease Mouse Model - **Ariadna Pérez**
- Cerebral Cavernous Malformations: From Endothelial-to-Mesenchymal Transition to Targeted Therapeutic Strategies - **Mónica Gallego**
- Thyroid Hormone Deficiency Disrupts Oxytocin Synthesis in the Hypothalamus - **Teresa Lara Cerezo**
- Thyroid Hormone Regulation of Oxytocin impacts Postpartum Depression-Like Behaviors - **Patricia Valero Herrero**



## Organizing Committee

Laura Antón Esteban  
Soledad Báez López  
Yosra Berrouayel Dahour  
Daniel Carnicero Senabre  
Paula Carretero Navarro  
Darwin Andrés Córdova Ascurra  
María Fernández Fernández  
Adriana Ferreiro De Aguiar

Sandra Franco Caspueñas  
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Marta Olazabal Chias  
Ana Simón García  
Marina Tapias Martin

## Poster design and artwork

M. Elisa González García