



# IIBM PhDay

## 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	Registration
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 Bárez López  
Yosra Berrouayel Dahour  
Daniel Carnicero Senabre  
Paula Carretero Navarro  
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Ana Simón García  
Marina Tapias Martín

## Poster design and artwork

M. Elisa González García