

# WORKSHOP

19<sup>th</sup> Progress Report

INSTITUTO DE NEUROCIENCIAS

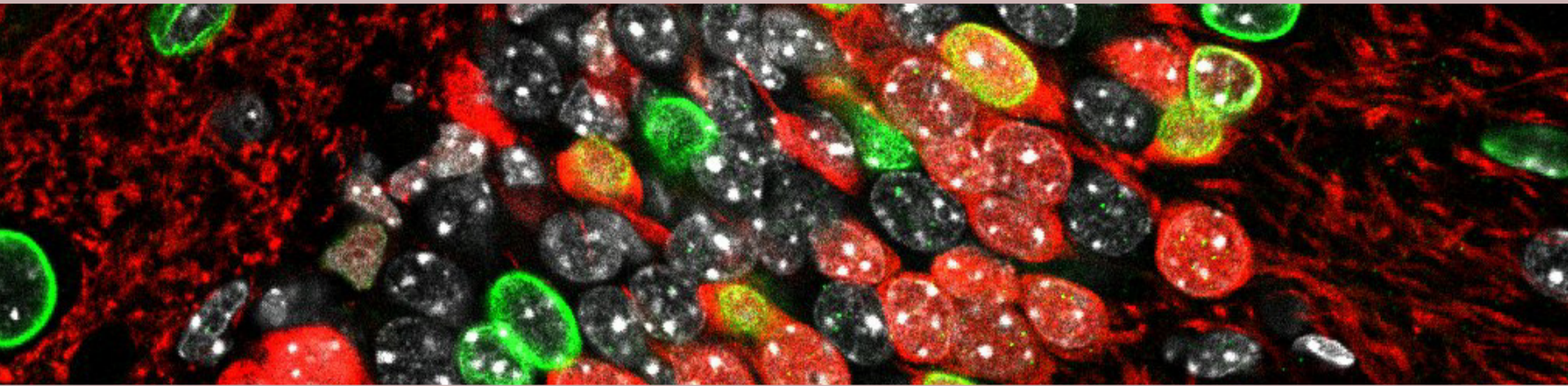


Imagen: Miguel Fuentes Ramos

PROGRAM

12 June 2026

From 9 to 14.00

IN Assembly Hall

Organizer: Javier Morante

Sandra **Jurado**

Ramón **Reig**

Silvia **De Santis**

Isabel **Pérez Otaño**

Félix **Viana**

José **López-Atalaya**

Javier **Sáez Valero**

Andreas **Kardamakis**

José Carlos **Pastor Pareja**

Isabel **del Pino**

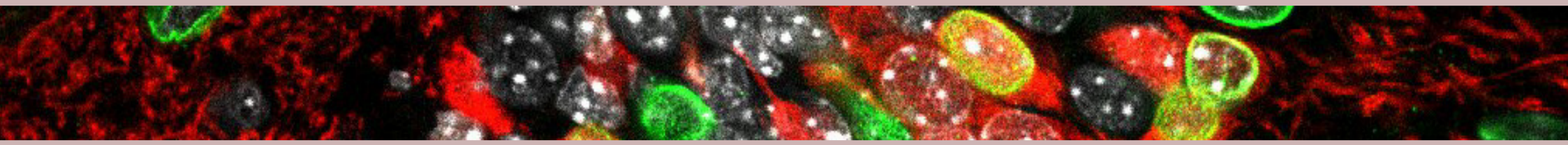
Juan Antonio **Moreno Bravo**

+posters

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INSTITUTO DE NEUROCIENCIAS **12 June 2026**



Chair: **Javier Morante**

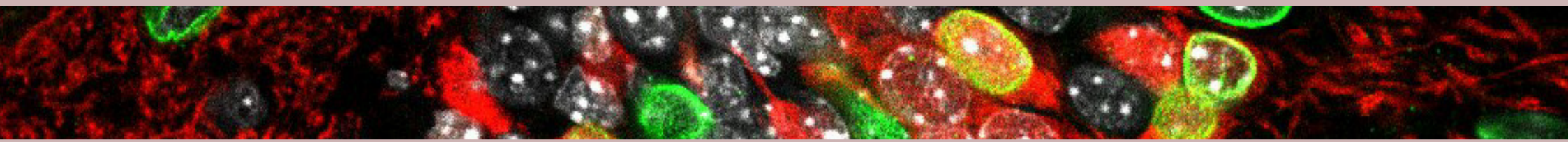
- 9.00-9:20 **Isabel del Pino** - Cognitive and neurodevelopmental disorders  
*Reframing NALCN Disorders as Interneuron-Driven Circuitopathies*
- 9:20-9.40 **Sandra Jurado** - Synaptic Neuromodulation  
*Dynamics and Function of Somatodendritic Oxytocin Release*
- 9.40-10.00 **Ramón Reig** - Sensorimotor processing in subcortical areas  
*Dopamine synchronizes multisensory responses in the dorsomedial striatum*
- 10.00-10:20 **Isabel Pérez Otaño** - Development, refinement and consolidation of neural circuits  
*Non-conventional NMDA receptor signaling in oligodendroglia and neurons*
- 10.20-10:40 **Félix Viana** - Sensory transduction and nociception  
*Ion channels in the pain pathway*
- 10.40-11.00 *Presentations 2nd year PhD students: 1-minute oral presentation for posters*
- 11.10-12.15 *Presentations 2nd year PhD students: poster presentations*

Coffee break  


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Chair: **Juan Antonio Sánchez Alcañiz**

12:15-12:35

**Jose Lopez-Atalaya** - Cellular Plasticity and Neuropathology  
*Neuroimmune mechanisms in Alzheimer's disease*

12:35-12:55

**Javier Saez Valero** - Altered molecular mechanisms  
in Alzheimer's disease and other dementias  
*Investigating biomarkers: more than just levels*

12:55-13:15

**Andreas Kardamakis** - Neural circuits in vision and action  
*Circuits & computations of visual attention and distraction*

13:15-13:35

**Jose C. Pastor Pareja** - Cellular and tissue architecture  
in the nervous system  
*Imaging and understanding cell-to-tissue architecture*

13:35-13:55

**Juan Antonio Moreno Bravo** - Development, Connectivity  
and Function of Cerebellar Circuits  
*The Developing Cerebellum: From Local Circuit  
Assembly to Neocortical Development*

13:55-14:15

**Silvia De Santis** - Translational Imaging Biomarkers  
*From Diffusion MRI to Virtual Histology: Tracking  
Neuronal and Glial Changes in Ageing and Alzheimer's*