WORKSHOP

19th Progress Report

INSTITUTO DE NEUROCIENCIAS

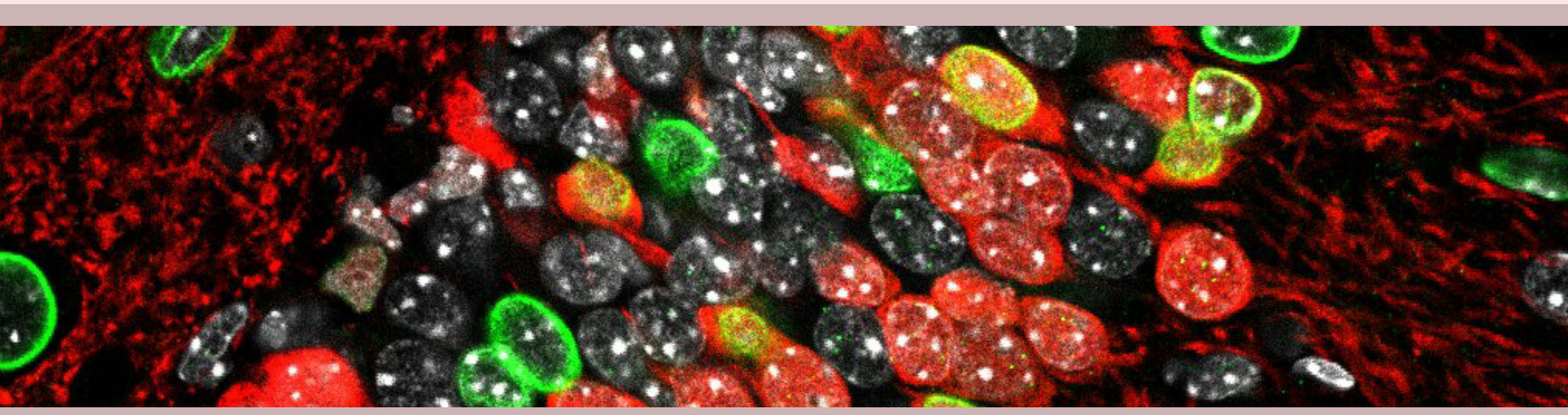

Imagen: Miguel Fuentes Ramos

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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CSIC
Consejo Superior de Investigaciones Científicas

UNIVERSITAS Miguel Hernández

EXCELENCIA SEVERO OCHOA
2014-2027

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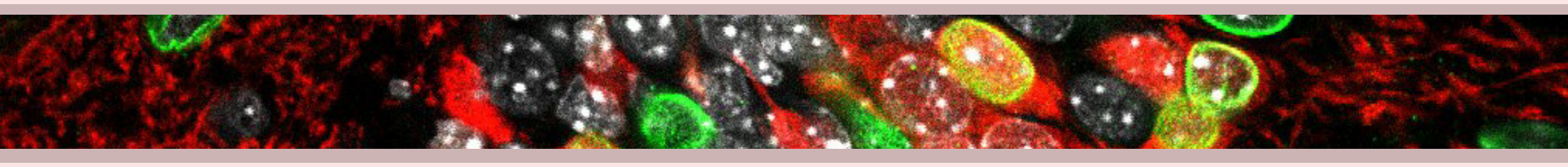

Chair: **Javier Morante**

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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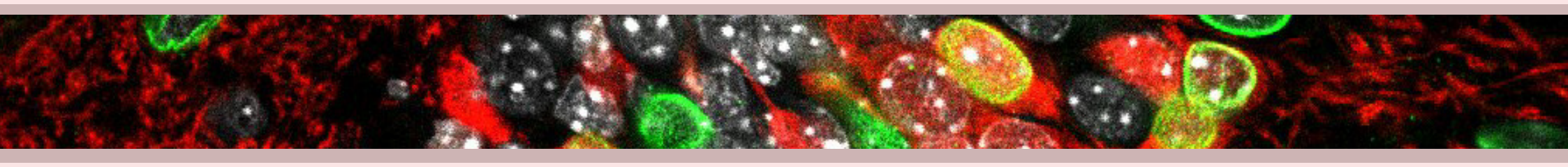

Chair: **Juan Antonio Sánchez Alcañiz**

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

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