

WORKSHOP

19th Progress Report

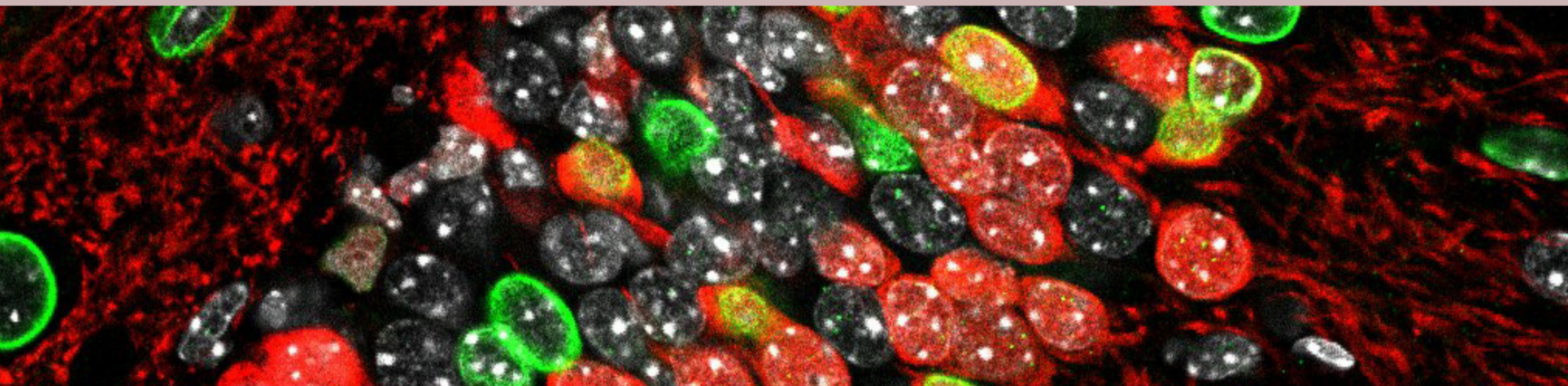


Imagen: Miguel Fuentes Ramos

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**
Felix **Viana**
José **López-Atalaya**
Javier **Sáez Valero**
Andreas **Kardamakis**
José Carlos **Pastor Pareja**
Isabel **del Pino**
Juan Antonio **Moreno Bravo**

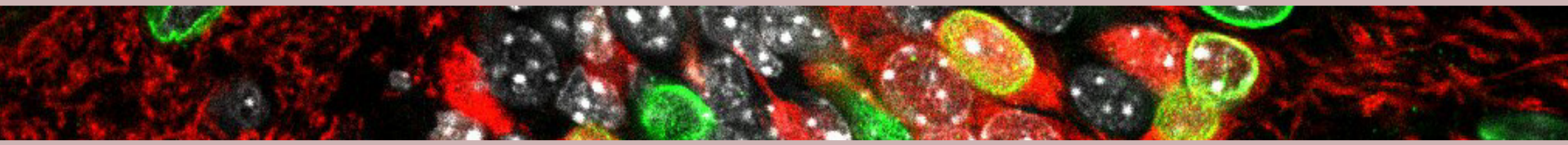
+posters

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Chair: **Javier Morante**

9.00-9:20

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

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



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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

Isabel del Pino - Cognitive and neurodevelopmental disorders
*Reframing NALCN Disorders as
Interneuron-Driven Circuitopathies*

13:55-14:15

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