

CHRISTMAS MEETING

December 20
2024
10.00 h

Sala Josep Marull
Carrer Dr. Aiguader, 80

More
information



Program

10.00 h Welcome and introduction

10.30 h

Cell type-targeted mitochondrial transplantation mediated by protein binders rescues cell degeneration. **Veronica Moreno**. Institute of Molecular and Clinical Ophthalmology Basel (IOB), Switzerland

11.00 h

Non-coding RNAs: the gatekeepers of neural network activity. **Federico Zampa**. Dorris Neuroscience Center (Scripps) San Diego,

11.30 h

Redundant, weakly connected prefrontal hemispheres balance precision and capacity in spatial working memory. **Melanie Tschiersch**. Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS), Spain

11.45 h

Study of the alterations at the behavioral and neural connectivity level linked to early cannabis exposure and vulnerability to addiction in mice. **Rafael del Villar Prieto** Universitat Pompeu Fabra, Spain

12.00 h Coffee Break

12.30 h

High-synchrony neural events reveal a role of the brainstem in spatial memory formation. **Juan Ramirez Villegas**. Institute of Science and Technology Austria (ITSA), Austria

13.00 h

Gamma rhythmic organization of cross-regional cell assemblies in the hippocampus. **Vitor Lopes-Do-Santos** University of Oxford, UK

13.30 h

From sensory preconditioning to reality testing: a new behavioral protocol to study Delta-9-Tetrahydrocannabinol psychotic-like states in mice. **Irene Garcia Manzanares**. Hospital del Mar Research Institute, Spain

13.45 h

Resolving inhibitory connections in large scale extracellular recordings by high resolution optogenetics **Marta Picco**. Hospital Del Mar Research Institute, Spain

14.00 h Lunch

15.30 h

Neuronal Dynamics Induced by Rapid Learning in the Human Brain at Single-Neuron Resolution. **Marcelo Armendariz**. Center for Life Science, Harvard University, US

16.00 h

Spinal cord stimulation corrects motoneuron dysfunction in three humans with spinal muscular atrophy. **Genis Prat Ortega**. University of Pittsburg, US

16.30 h Coffee break

17.00 h

Olfactory bulb astrocytes link social transmission of stress to cognitive adaptation. **Paula Gomez Sotres**. Universite de Bordeaux, Neurocentre Magendie, France

17.30 h

Implications of the tripartite synapse in the brain reward system. **Ana Covelo**. Universidad de Vigo, Spain

18.00 h

Closing remarks