

Thursday 19th December

- **12:30**
Welcome and Introduction
Salvador Martínez (Director Instituto de Neurociencias)
- **12:35**
1-minute oral presentation for posters
- **13:00**
Lunch and poster session
Chairperson: Teresa Femenía
- **15:00**
Down state-active neurons in neocortex
Manuel Valero (NYU, New York, USA)
- **15:30**
Novel determinants of agonist selectivity in neuronal nicotinic acetylcholine receptors
Teresa Minguez (Oxford Brookes University, Oxford, UK)
- **16:00**
Neural Correlates in the Amygdala of Extreme Responders to Auditory Pavlovian Threat Conditioning
Lorenzo Diaz-Mataix (NYU, New York, USA)
- **16:30**
Positron emission tomography in translational CNS research
Francisco Lopez Picon
(Turku PET Centre, Turku, Finland)

Friday 20th December

- Chairperson: Cristina Márquez
- **09:00**
Hippocampal CA2 control of social behaviors
Felix Leroy (Columbia University, New York, USA)
- **09:30**
Non-cell autonomous OTX2 transcription factor regulates anxiety-related behaviors in the mouse
Javier Gilibert (College de France, Paris, France)
- **10:00**
Synaptic plasticity in hippocampus regulated by endocrine factors
Alfonsa Zamora (Universite Laval, Quebec, Canada)
- **10:30**
Exploring visuomotor circuit dynamics in the mouse superior colliculus
Andreas Kardamakis (Karolinska Institutet, Stockholm, Sweden)
- **11:00** Coffee break
- Chairperson: Javier Morante
- **11:30**
Homeostatic maintenance and age-related functional decline in the Drosophila ear
Alyona Keder (UCL, London, UK)
- **12:00**
Endocytic regulation of cellular ion homeostasis controls lysosome biogenesis and astrocyte function and is required to prevent neuronal loss and neurodegeneration.
Tania Lopez-Hernandez (Leibniz-Forschungsinstitut für Molekulare Pharmakologie, Berlin, Germany)
Introduction: Salvador Martínez (Director Instituto de Neurociencias)
- **12:30**
Brain plasticity: A process fueled by brain-body interactions.
Pierre Marie Lledo (Institut Pasteur, Paris, France)
- **13:30**
Awards: Best talk and poster
- **14:00**
Christmas Toast

16th Christmas Meeting

19-20 December 2019 Alicante, Spain