

# 18<sup>th</sup> Christmas Meeting

20-21 December 2021  
Alicante, Spain

## MONDAY - 20<sup>th</sup> DECEMBER 2021

**12:30** Introduction: Angel Barco (Director)

**12:35** 1-minute oral presentation for posters

**13:00** Poster session

### Session I. Chair: Felix Leroy

**15:00** Ramon Nogueira - Manas Columbia University, New York, USA

Virtual Seminar: *The geometry of cortical representations of touch in rodents*

**15:30** Gabriele Ciceri - Sloan Kettering Institute, New York, USA

*Directing the timing of maturation in human pluripotent stem cell-derived cortical neurons*

**16:00** Carolina Gomis-Pérez - Yale University, West Haven, USA

*Rapid propagation of membrane tension at retinal bipolar neuron presynaptic terminals*

**16:30** Miriam Hernández-Morales - University of California, Berkeley, USA

Virtual seminar: *FeRIC: a magnetogenetic technique to control neuronal excitability*

## TUESDAY - 21<sup>th</sup> DECEMBER 2021

### Session II. Chair: Teresa Femenia

**09:00** Mario Martín - Neurocentre Magendie - U1215, Bordeaux, France

*Simultaneous encoding of fear state and threat identity in prefrontal cortex neuronal populations*

**09:30** Roberta Haddad - Institut d'Investigacions Biomèdiques August Pi i Sunyer, Barcelona

*Pregnancy food craving-like episodes are mediated by accumbal D2R-neurons*

**10:00** Rafael Alcalá - University of Strasbourg, Strasbourg, France

*Impaired egocentric spatial memory in Huntington's disease mice is associated with altered transcriptional and epigenetic regulation of neural plasticity programs*

**10:30** Morgane Boillot - Radboud University Medical Center, Nijmegen, Netherlands

*Modulation by serotonin of neural synchronization in cortico-amygdalar circuits during reversal learning*

**11:00** Coffee Break

### Session III. Chair: Javier Morante

**11:30** Iryna Mohylyak - Institut du Cerveau et de la Moelle Epinière, Paris, France

*CG7101/dTZAP encodes a transcriptional regulator of mitochondrial biology required for axonal outgrowth circuit connectivity and behavior*

**12:00** Ana Uzquiano López - Harvard University, Cambridge, USA)

*Developmental programs of cell diversification of the human cerebral cortex in brain organoids*

**12:30** Keynote speaker: Carmen Ruiz de Almódovar - University of Heidelberg, Heidelberg, Germany

*Neuro-vascular interactions in the central nervous system*

**13:30** Awards: best poster and talk

**14:00** Christmas toast



<https://dicv-csic-es.zoom.us/j/82233608491?pwd=WEJGeVBEaVl2dDAwRW4zWUFORkhldz09>

**Organizers:** Teresa Femenia, Felix Leroy and Javier Morante