

Neuroscience Christmas Meeting

📍 Sala Josep Marull, Campus Universitari Mar (Dr. Aiguader, 80)
Barcelona, Spain December 22nd, 2023

9.50 Welcome and Introduction

10.00 **Brain organoids: the quest to crack human cortical development and disease**
Ana Uzquiano Harvard University, Boston, US

10.30 **Prefrontal circuits encode general danger and specific threat representations**
Mario Martín-Fernandez Université de Bordeaux, Bordeaux, France

11.00 **What preclinical electrophysiology tell us about Alzheimer's disease?**
Christos Lisgaras NYU Langone Health, New York US

11.30 **Coffee break**

12.00 **Cortex instructs learning during adaptive decision-making**
Sara Mederos Sainsbury Wellcome Centre, UCL, London, UK

12.30 **Untangling hippocampal microcircuits for memory: cell-specific wiring from mice to humans**
Jake Watson Institute of Science and Technology (IST), Klosterneuburg, Austria

13.00 **Short talks: Natalia Angarita-Osorio** (Colom lab), **Natàlia Soldevila-Domenech** (de la Torre lab), **Andrea Gallardo** (Valero lab), **Ángel Beteta** (Pozo lab)

13.50 **Lunch break**

How is mental health affecting immunity?

15.00 **Silvia Castany** Linköping University, Linköping, Sweden

15.30 **Analysis of endocannabinoid dynamics in astrocytes**
Abel Eraso-Pichot Université de Bordeaux, Bordeaux, France

16.00 **Coffee break**

16.30 **Short talks: Jose Antonio Gonzalez Parra** (Arnau-Busquets lab), **Ana Romero** (University of Queensland, Brisbane, Australia), **Karla Ivankovic** (Principe lab,)

17.10 **A neuronal mechanism for anxiolytic actions in the brain**
Arnau Ramos-Prats FMI, Basel, Switzerland

17.40 Closing remarks and Awards

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