

## **UE Molecular and Cellular Neurosciences - with the support of Labex Cortex**

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**!!!! WARNING: Conference location changes every day, read the program carefully !!!!**

### **Monday November 25, 2024**

Salle SOIERIES, Délégation Régionale de INSERM, CH Le Vinatier, Bat. 452, 95 bd Pinel, Bron

10h30-12h00: **"Introduction to axon formation and navigation"**

Julien Falk (Institut NeuroMyoGène - MeLiS, Lyon)

13h-14h30: **"Microglia partners of neuronal functions"**

Alain Bessis (Institut de Biologie de l'Ecole Normale Supérieure, Paris)

14h45-16h15: **"From funny molecular events to synaptic plasticity: How synaptic signalling defines a learning rule"**

Mariano Casado (Institut de Biologie de l'Ecole Normale Supérieure, Paris)

16h30-17h30: Discussion

### **Tuesday November 26, 2024**

Amphithéâtre "Neurocampus" (CRNL, CH Le Vinatier, Bat. 462 Neurocampus, 95 bd Pinel, Bron)

10h-11h30: **"Synapse formation and specificity: lessons from C. elegans genetics"**

Bérangère Pinan-Lucarre (Institut NeuroMyoGène - MeLiS, Lyon)

13h-14h15: **"Targeting selective autophagy as a strategy for therapeutic intervention in neurodegenerative diseases"**

Flavie Strappazzon (Institut NeuroMyoGène - PGNM, Lyon)

14h30-16h: **"Neuroglial crosstalks and their impact on myelination in health and repair"**

Anne Desmazieres (Institut du Cerveau - ICM, Paris) – ONLINE

16h15-17h15: Discussion

### **Wednesday November 27, 2024**

Rockefeller campus, Main Building, room RB 103 (8 av Rockefeller, 69008 Lyon)

10h-11h30: **"Mitochondria and metabolic regulation in the making and running of synapses"**

Julien Courchet (Institut NeuroMyoGène - PGNM, Lyon)

13h-14h30: **"Dynamic organization of the synapse: single molecule insights"**

Julien Dupuis (Institut interdisciplinaire de Neurosciences, Bordeaux)

14h45-16h15: **"Astroglial contribution to synaptic transmission and plasticity"**

Stéphane Oliet (Neurocentre Magendie, Bordeaux)

16h30-17h30: Discussion

### **Thursday November 28, 2024**

Conference room of the Stem Cell and Brain Research Institute (20 av. du Doyen Lépine, Bron)

9h-12h: **"Introduction to single cell analysis in Neurosciences"**

Olivier Raineteau & Guillaume Marcy (Stem-cell and Brain Research Institute, Lyon)

12h-12h30: Discussion (focused only on single cell analysis)