

**Master 2 Neurosciences Fondamentales et Cliniques - UCB Lyon 1****UE Molecular and Cellular Neurosciences - with the support of Labex Cortex**Coordination Marion Richard ([marion.richard@univ-lyon1.fr](mailto:marion.richard@univ-lyon1.fr)) & Olivier Pascual ([olivier.pascual@inserm.fr](mailto:olivier.pascual@inserm.fr))**Monday November 18, 2019**

Amphithéâtre "Neurocampus" (Vinatier, Bron)

- 10h00-11h30 : "**Generating and regenerating the central nervous system**"  
Olivier Raineteau (Stem-cell and Brain Research Institute, Lyon)
- 13h-14h30 : "**Introduction to axon formation and navigation**"  
Julien Falk (Institut NeuroMyoGène, Lyon)
- 14h45-16h15 : "**Interneuronal dysfunction in Alzheimer's disease**"  
Laure Verret (Centre de Recherches sur la Cognition Animale, Toulouse)

**Tuesday November 19, 2019**

Amphithéâtre "Neurocampus" (Vinatier, Bron)

- 10h00-11h30 : "**Glial function in Drosophila: from genes to neurophysiology**"  
Laurent Seugnet (Centre de Recherche en Neurosciences de Lyon)
- 13h-14h30 : "**Microglia partners of neuronal functions**"  
Alain Bessis (Institut de Biologie de l'Ecole Normale Supérieure, Paris)
- 14h45-16h15 : "**High time for the endogenous cannabinoid system: consequences of perinatal cannabis exposure**"  
Olivier Manzoni (Institut de Neurobiologie de la Méditerranée, Marseille)

**Thursday November 21, 2019**

Amphithéâtre "Neurocampus" (Vinatier, Bron)

- 10h-12h : "**Mitochondria and metabolic regulation in the making and running of synapses**"  
Julien Courchet (Institut NeuroMyoGène, Lyon)
- 11h00-12h15 : "**The developing Huntington disease brain**"  
Sandrine Humbert (Grenoble Institut des Neurosciences)
- 13h30-14h45 : "**Direct Lineage Reprogramming: A new avenue toward Brain Repair?**"  
Christophe Heinrich (Stem-cell and Brain Research Institute, Lyon)
- 15h-16h15 : "**The zebrafish model at the service of neuroscience**"  
Marion Delous (Centre de Recherche en Neurosciences de Lyon)

**Friday November 22, 2019**

Amphithéâtre "Neurocampus" (Vinatier, Bron)

- 10h-11h30 : "**Dynamic organization of the synapse: single molecule insights**"  
Julien Dupuis (Institut interdisciplinaire de Neurosciences, Bordeaux)
- 13h-14h30 : "**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)
- 14h45-16h15 : "**Astroglial contribution to synaptic transmission and plasticity**"  
Stéphane Oliet (Neurocentre Magendie, Bordeaux)