

Master 2 Neurosciences Fondamentales et Cliniques - UCB Lyon 1**UE Molecular and Cellular Neurosciences - with the support of Labex Cortex**

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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 : **TBA**

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 : **TBA**

Olivier Manzoni (Institut de Neurobiologie de la Méditerranée, Marseille)

Thursday November 21, 2019

Amphithéâtre "Neurocampus" (Vinatier, Bron)

09h30-10h45 : **"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 Olié (Neurocentre Magendie, Bordeaux)