

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

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Monday December 4, 2023

Amphithéâtre "Neurocampus" (CRNL, CH Le Vinatier, Bron)

10h30-12h00: **"Microglia partners of neuronal functions"**

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

13h00-14h30: **"Neuroglial crosstalks and their impact on myelination in health and repair"**

Anne Desmazieres (Institut du Cerveau - ICM, 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)

Tuesday December 5, 2023

Amphithéâtre "Neurocampus" (CRNL, CH Le Vinatier, Bron)

10h-11h30: **"Introduction to axon formation and navigation"**

Julien Falk (Institut NeuroMyoGène - MeLiS, Lyon)

13h-14h30: **"Synapse formation and specificity: lessons from C. elegans genetics"**

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

14h45-16h15: **"Mitochondria and metabolic regulation in the making and running of synapses"**

Julien Curchet (Institut NeuroMyoGène - PGNM, Lyon)

Wednesday December 6, 2023

Amphithéâtre "Neurocampus" (CRNL, CH Le Vinatier, Bron)

9h00-12h00: **"Introduction to single cell analysis in Neurosciences"**

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

Thursday December 7, 2023

Amphithéâtre "Neurocampus" (CRNL, CH Le Vinatier, Bron)

10h-11h30: **"Reprogramming cell identity within the central nervous system: A new avenue for brain repair"**

Marie D'Orange (Stem-cell and Brain Research Institute, 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 Olié (Neurocentre Magendie, Bordeaux)