



Please note that a valid sanitary pass is required to access the Neurocampus-Michel Jouvét building (Centre Hospitalier Le Vinatier - Bâtiment 462 - Neurocampus Michel Jouvét, 95 boulevard Pinel, Bron) and the IDEE building (Institut des Epilepsies, 59 bd Pinel, Bron).

As of September 3rd, there is no limitation of the number of people allowed to attend. However, this may evolve depending on the evolution of the sanitary situation. Information will be updated on the M2 website.

(<https://masterneuro.univ-lyon1.fr/paths/m2nfc-main/m2nfc-conferences/>).

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

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Monday November 15, 2021

Morning: Amphitheater "Neurocampus" (CH Le Vinatier, Bron)
Afternoon: Amphitheater IDEE (Inst. Des Epilepsies, Bron)

10h00-11h30: **"Mitochondria and metabolic regulation in the making and running of synapses"**
Julien Courchet (Institut NeuroMyoGène, Lyon)

13h15-14h45: **"Introduction to axon formation and navigation"**
Julien Falk (Institut NeuroMyoGène, Lyon)

15h-16h30: **"From Hox genes to neurogenesis: contribution of chromatin architecture and enhancer activity to the regulation and evolution of developmental gene expression"**
Leonardo Beccari (Institut NeuroMyoGène, Lyon)

16h45-17h30: Discussion

Tuesday November 16, 2021

Amphitheater "Neurocampus" (CH Le Vinatier, Bron)

10h00-11h30: **"Synapse formation and specificity : lessons from C. elegans genetics"**
Bérangère Pinan-Lucarre (Institut NeuroMyoGène, Lyon)

13h-14h30: **"Direct Lineage Reprogramming: A new avenue toward Brain Repair?"**
Christophe Heinrich (Stem-cell and Brain Research Institute, Lyon)

14h45-16h15: **"Interneuronal dysfunction in Alzheimer's disease"**
Laure Verret (Centre de Recherches sur la Cognition Animale, Toulouse)

16h30-17h30: Discussion

Thursday November 18, 2021

Amphitheater "Neurocampus" (CH Le Vinatier, Bron)

10h00-11h30: **"What can baby zebrafish learn, and what does behavior tell us about how they do it?"**
Owen Randlett (Institut NeuroMyoGène, Lyon)

13h00-14h30: **"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

Friday November 19, 2021

Amphitheater "Neurocampus" (CH Le Vinatier, Bron)

10h-11h30: **"Involvement of glial cells in the regulation of vigilance states"**
Laurent Seugnet (Centre de Recherche en Neurosciences de Lyon, Lyon)

13h00-14h30: **"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