

18th SYNAPSE and network DAY

Tuesday 21 September 2021

Centre Broca Nouvelle-Aquitaine

- 9:00** **Christoph Schmidt-Hieber (Institut Pasteur, Paris)**
Synaptic and circuit basis of distinct memory formation in the hippocampus
- 9:45** **Noémie Depret (Neurocentre Magendie, Bordeaux)**
Vangl2 regulates hippocampal mossy fiber-CA3 synapse formation and morphofunctional plasticity
- 10:05** **Nicolas Chenouard (IINS, Bordeaux)**
Imaging the activity of subcortical-cortical axonal projections during associative learning
- 10:25-10.55 Coffee break**
- 10:55** **Morgane Lebon-Jego (IMN, Bordeaux)**
Dopaminergic control of the primary motor cortex microcircuits during motor skill learning
- 11:25** **Camille Quilgars (INCIA, Bordeaux)**
Transient motor training in newborn mice reshapes transcriptome and synaptic plasticity in motoneurons
- 11:45** **Angela Getz (IINS, Bordeaux)**
High-resolution imaging and manipulation of endogenous AMPA receptor surface mobility during synaptic plasticity and learning
- 12:05** **Harold Mac Gillavry (Utrecht University, Netherlands)**
CRISPR/Cas9-mediated genome editing tools to resolve the dynamic nanoscale organization of endogenous proteins at excitatory synapses
- 12:50-14:30 Lunch**
- 14:30** **Stéphane Bancelin (IINS, Bordeaux)**
in vivo 3D-STED microscopy in the hippocampus
- 15:00** **Konstantina Liouta (IINS, Bordeaux)**
LRRTM2 regulation and role in excitatory synapse function
- 15:20** **David Jarriault (Nutrineuro, Bordeaux)**
High fat diet impairs the peripheral olfactory system
- 15:40** **Daniel Jercog (Neurocentre Magendie, Bordeaux)**
Prefrontal population coding of defensive behaviors
- 16:00** **Maria-Cecilia Angulo (Institut de Psychiatrie et Neurosciences, Paris)**
Myelination of parvalbumin interneurons shapes cortical inhibition

Scientific committee:

Elena Avignone (Neurocentre Magendie)
Maurice Garret (INCIA)
Mathieu Letellier (IINS)
Nathalie Sans (Neurocentre Magendie)

Information / Registration:

www.bordeaux-neurocampus.fr/synapse-day-2021/



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