

AMU Neuroschool Master 2 symposium 2019

Imaging and Neurosciences

23-24 January 2019. Amphithéâtre Charve, Faculté St-Charles, Marseille

Wednesday, January 23rd, 2019

8:30: Welcome and Introduction

Session 1: Cellular imaging 1

8:40-8:45: Introduction of the speaker by students

8:45-9:45: **Christophe Leterrier (INP, Marseille):** *The functional architecture of axonal actin.*

9:45-9:50: Introduction of the speaker by students

9:50-10:50: **Alfredo Giménez-Cassina (Univ Auton Madrid):** *Food for thought: Impact of metabolism on neuronal excitability.*

---- 10:50-11:15: Coffee Break -----

11:15-11:20: Introduction of the speaker by students

11:20-12:20: **Ivo Vanzetta (INT, Marseille):** *Accurate spike estimation from noisy calcium signals for ultrafast three-dimensional imaging of large neuronal populations in vivo.*

12:20-14:00 -----Lunch Break -----

Session 2: Neuroimaging 1

14:00-14:05: Introduction of the speaker by students

14:05-15:05: **Jenny Coull (LNC, Marseille):** *Where does the brain process time?*

15:05-15:10: Introduction of the speaker by students

15:10-16:10: **Fabrice Bartoloméi (INS, Marseille):** *Interictal stereotactic-EEG functional connectivity in refractory focal epilepsies.*

Thursday, January 24th, 2019

Amphi Charve. St-Charles

Session 3: Cellular imaging 2

9:45-9:50: Introduction of the speaker by students

9:50-10:50: **Rosa Cossart (INMED, Marseille): *Spatial Embryonic Origin Delineates GABAergic Hub Neurons Driving Network Dynamics in the Developing Entorhinal Cortex.***

---- 10:50-11:15: Coffee Break -----

11:15-11:20: Introduction of the speaker by students

11:20-12:20: **Franck Debarbieux (INT, Marseille): *Diversity of innate immune cell subsets across spatial and temporal scales in an EAE mouse model.***

12:20-14:00 -----Lunch Break -----

Session 4: Neuroimaging 2

14:00-14:05: Introduction of the speaker by students

14:05-15:05: **Jochem W Rieger (Univ Oldenburg): *Encoding and Decoding Models in Cognitive Electrophysiology.***

15:05-15:10: Introduction of the speaker by students

15:10-16:10: **Muriel Thoby-Brisson (Univ Bordeaux): *Neural mechanisms for sigh generation during prenatal development.***

---- 16:10-16:30: Coffee Break -----

16:30-16:35: Introduction of the speaker by students

16:35-17:35: **Maxime Guye (CRMBM, Marseille): *Ultra high field MRI and Neuroscience***

----- *END of the Symposium*-----