



EUROPEAN MEETING OF NEUROSCIENCE

3rd Edition - 25th may, 2018

at Grenoble Institut Neurosciences

- 8:30 Welcome coffee and Posters installation
9:00 Opening Word by Pr. Frédéric SAUDOU, GIN Director

SESSION 1: Neurodevelopment

Co-chairs: Rebecca POWELL and Rémi CARPENTIER

- 9:15-9:40 *Modelling neuronal differentiation and maturation of human Pluripotent Stem Cells*
Andrea COMELLA BOLLA
- 9:40-10:05 *Chronic enhancement of neuronal activity promotes morphological and functional in vitro maturation of Mecp2 null developing neurons*
Linda SCARAMUZZA
- 10:05-10:35 Coffee break and Poster session

SESSION 2: Behavior and Cognition

Co-chairs: Thibaud DUFOURD and Veronica MUNOZ-RAMIREZ

- 10:35-11:15 *Endocannabinoids gate running motivation through GABAergic transmission*
Francis CHAOULOFF
- 11:15-11:40 *Optical control of pain in vivo with a photoactive mGlu5 receptor negative allosteric modulator*
Marc LOPEZ CANO
- 11:40-12:05 *Role of the JNK2 in the control of the activity of the Insulin Receptor and its consequences on Cognitive Performance*
Oriol BUSQUETS FIGUERAS



12:05-12:30 *Functional neuroanatomy of racial bias in visual perception: a meta-analytic study*
Arianna BAGNIS

12:30 **Lunch Break in the Cafeteria**

SESSION 3: Biology of the Synapse

Co-chairs: Kwangil CHI and Rebecca POWELL

14:00-14:40 *The actin cytoskeleton in plasticity and stability of dendritic spines*
Bas VAN BOMMEL

14:40-15:05 *Protein trafficking in dendritic synapse-to-nucleus communication*
Sebastian SAMER

15:05-15:30 *Synaptic Stability, Memory and Membrane Fluidity: a Paradox?*
Antoine TRILLER

15:30 **Coffee Break and Poster Session**

SESSION 4: Neurodegeneration

Co-chairs: Adrien PAUMIER and Arnaud PAUTRAT

16:00-16:25 *The JAK2-STAT3 astrocytic pathway, a key regulator in Alzheimer's disease*
Dylan POMMIER

16:25-16:50 *Deciphering the seeding mechanism of alpha-synuclein fibrils in mouse primary neurons*
Firat ALTAY

16:50-17:15 *Huntington's disease functional connectivity and dynamics revealed through large-scale calcium*
Sara FERNANDEZ-GARCIA

17:15 **Coffee Break and Poster session**

European PhD students meet GIN students

18:00 **Closing remarks and discussion**

19:00 **Dinner and Discussion**

