

Florey-ICM workshop agenda 28th June 2016

Location : ICM Building – Room 1-2

Hopital Pitié-Salpêtrière - 47/83, boulevard de l'hopital - 75013 Paris

28th June

09:00-09:30 Reception – Welcoming coffee

Institutes Introduction

09:30-09:45 ICM introduction – Alexandra Auffret

09:45-10:00 Florey introduction – Anthony Hannan

Multiple Sclerosis

10:00-10:15 **Mariana Graciarena:** *Role of neuronal activity in myelination*

10:15-10:30 **Charles Sanson:** *Adaptive immunity drive remyelination failure or success in multiple sclerosis*

10:30-10:50 **Simon Murray:** *Targeting BDNF to induce myelin repair in the brain*

10:50-11:00 Discussion

Anxiety-depression

11:00-11:20 **Rolando Meloni:** *Striatal lentiviral-mediated Gpr88 knock-down in a rat model of non-motor symptoms of Parkinson's disease*

11:20-11:40 **Terence Pang:** *Investigating environmental modification of alcohol withdrawal induced depression and cognitive deficits*

11:40-12:00 **Dr Annabel Short:** *Paternal lifestyle alters small noncoding RNA profile in sperm and modifies anxiety and depressive phenotypes in the offspring*

12:00-12:10 Discussion

12:10-13:10 Lunch

New insights into behaviour and cognition

13:15-13:25 **Ms Katie Fennell:** *Elevated glucocorticoid levels alter behaviour and expression of the paternally imprinted gene igf2 across multiple generations*

13:25-13:35 **Ms Valeria Rytova:** *Relaxin-3/RXFP-3 signalling in control of innate anxiety - effect of chronic RXFP*

13:35-13:45 **Ms Mouna Haidar:** *Control of the septohippocampal pathway and learning and memory by relaxin-3/RXFP3 signalling networks*

13:45-13:55 Discussion

Huntington's disease

- 14:00-14:20 **Fanny Mochel:** *Brain energy deficiency in HD patients: metabolic imaging and therapeutics*
- 14:20-14:40 **Anthony Hannan:** *Molecular mediators and environmental modulators in mouse models of cognitive disorders*
- 14:40-14:50 Discussion
- 14:50-15:05 Coffee break

Amyotrophy Lateral Sclerosis

- 15:10-15:30 **Séverine Boillée:** *Understanding the contribution of microglia/ macrophages in ALS using genetics, animal models and iPSc*
- 15:30-15:50 **Bradley Turner:** *Motor neuron targeted SMN gene therapy for SMA and ALS*
- 15:50-16:00 Discussion

Frontotemporal dementia

- 16:00-16:20 **Maria-Belen Lopez Herdoiza:** *Modelling C9orf72 deficiency in FTD/ALS*
- 16:20-16:40 **Michele Veldsman:** *Aspects of imaging in fronto temporal dementia*
- 16:40-16:50 Discussion
- 16:50-17:30 Closing words

After Workshop

- 17:30-18:30 Informal meeting