



Symposium

« From synapses to psychiatric disorders »

November 7th, 2014 - Collège de France, Paris

Amphitheater Guillaume Budé – Collège de France

Scientific Committee: Laure-Rondi Reig, Fekrije Selimi, Stéphane Jamain, Salah El Mestikawy

Program

9h00 – 9h15: Words of welcome

Alain Prochiantz, Collège de France

9h15 – 9h30: Introduction

JA Girault, Labex director

9h30 – 10h30: Keynote lecture

Reinhard Jahn, Neurobiology Dept, Max Planck Institute for Biophysical Chemistry, Germany

Exocytosis of synaptic vesicles - how to overcome the energy barriers for membrane fusion

10h30 – 10h45: Coffee break

10h45 – 12h45: Session I

Nils Brose, Max Planck Institute for Experimental Medicine, Germany

Neuroligins at inhibitory synapses - From synaptogenesis to Autism Spectrum Disorders

Joris de Wit, VIB, Leuven, Belgique

The sorting receptor SorCS1 interacts with neurexin and regulates synaptic proteome composition

Fekrije Selimi, CIRB, Collège de France, Paris, France

The C1QL1/BAI3 complex: a new molecular pathway linking brain development and psychiatric disorders

Claudia Bagni VIB, Leuven, Belgique

12h45 – 14h15: Lunch

14h15 – 16h15: Session II

Asa MacKenzie, Uppsala University, Sweden

Functional analysis of novel subpopulations within the brain reward system

Salah El Mestikawy, Mc Gill University, Canada & UPMC, Paris, France

The atypical vesicular transporter VGLUT3 in psychiatric disorders

Ann Schaefer, Mount Sinai School of Medicine, NY, USA

MicroRNA miR-128, a novel regulator of motor behavior and seizures in mice

Kazutoshi Nakazawa, UAB School of Medicine, USA

NMDA Receptor ablation in interneurons confers schizophrenia-like phenotypes in mice

16h15 – 16h30: Coffee break

16h30 – 17h30: Keynote lecture

Seth Grant, University of Edinburgh, UK

How synapse evolution produces mental illness

Registration is free but mandatory by writing to: symposium.synapses@gmail.com