



## Symposium

### « From synapses to psychiatric disorders »

November 7th, 2014

Amphitheater Guillaume Budé – Collège de France, Paris

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

## Program

**9:00 – 9h15: Introduction**

**JA Girault, Labex director**

**9h15 – 10h15: 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*

**10h15 – 10h30: Coffee break**

**10h30 – 12h30: Session I**

**Nils Brose, Max Planck Institute for Experimental Medicine, Germany**

*Neuroligins at inhibitory synapses - From synaptogenesis to Autism Spectrum Disorders*

**Asa MacKenzie, Uppsala University, Sweden**

*Functional analysis of novel subpopulations within the brain reward system.*

**Anne Schaefer, Mount Sinai School of Medicine, NY, USA**

*To be announced*

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

*The atypical vesicular transporter VGLUT3 in psychiatric disorders*

**12h30 – 14h30: Lunch**

**14h30 – 16h: Session II**

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

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

**Joris de Wit, VIB, Leuven, Belgique**

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

**Kazutoshi Nakazawa, UAB School of Medicine, USA**

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

**16h – 16h15: Coffee break**

**16h15 – 17h15: Keynote lecture**

**Seth Grant, University of Edinburgh, UK**

*How synapse evolution produces mental illness*

**Registration is free but mandatory, contact: [symposium.synapses@gmail.com](mailto:symposium.synapses@gmail.com)**