

## Bench to Bedside Symposium: Friday, 15<sup>th</sup> February 2019

Pharmazentrum, Hörsaal 1

Klingelbergstrasse 50/70, 4056 Basel

**09:00** Welcome and opening: Nicole Schaeren-Wiemers (DBM)

### Keynote lecture 1

Chaired by: *Nicole Schaeren-Wiemers (DBM)*

09:10 - 09:55 **Flavio Donato** (Biozentrum) "**Assembling the brain from deep within**"

### Session 1: "The visual system in health and disease"

Chaired by: *Rainer Friedrich (FMI)*

09:55 - 10:00 Introduction to the session

10:00 - 10:25 **Emilie Macé** (FMI) "*Visual motion. From the eye to the brain*"

10:25 - 10:50 **Felix Widmer** (FMI) "*Balancing visual perception*"

10:50 - 11:15 **Dierk Reiff** (University of Freiburg, Germany) "*The logic of color vision in insects*"

**11:15 - 11:45 Coffee Break**

### Session 2: "Neural stem cells in health and disease"

Chaired by: *Josef Bischofberger (DBM)*

11:45 - 11:50 Introduction to the session by Raphael Guzman (USB)

11:50 - 12:15 **Verdon Taylor** (DBM) "*Hippocampal neurogenesis: Form and function*"

12:15 - 12:40 **Fiona Doetsch** (Biozentrum) "*Going Global: Stem cells and their niche in the adult brain*"

12:40 - 13:05 **Ravi Jagasia** (Roche) "*Human iPSCs and neural stem cells to study neurodevelopmental disorders*"

**13:05 - 14:20 Lunch**

**13:30 - 14:00 Lunchmeeting: General Assembly Neuroscience Network Basel (for NNB members)**

### Session 3: "A recent take on psychedelic substances"

Chaired by: *Kelly Tan (Biozentrum)*

14:20 - 14:25 Introduction to the session

14:25 - 14:50 **Katrin Preller** (University of Zurich) "*Social cognition and self-experience in psychedelic-induced states*"

14:50 - 15:15 **Matthias Liechti** (DBM) "*Current research on LSD and acute effects in healthy subjects*"

15:15 - 15:40 **Stefan Borgwardt** (UPK) "*Acute effects of LSD on brain function*"

**15:40 - 16:10 Coffee Break**

### Keynote lecture 2

Chaired by: *Andreas Papassotiropoulos (Psychology)*

16:10 - 16:55 **Angela Heck** (Psychology) "**Human Cognitive Genomics: Chances, trends and misconceptions**"

**16:55 - 17:00 Closing remarks:** Nicole Schaeren-Wiemers (DBM)

**17:00 - 17:30 Credit points for 'Tierversuchsleiter'** (to be confirmed, please check the symposium website!)