Bench to Bedside Symposium: Friday, 2\textsuperscript{nd} February 2018

Pharmazentrum, Hörsaal 1
Klingelbergstrasse 50/70, 4056 Basel

09:00 Welcome and opening: Nicole Schaeren-Wiemers (Dep. of Biomedicine, University Hospital Basel)

Keynote lecture 1
Chaired by: Josef Bischofberger (DBM)
09:10 - 09:55 Kelly Bales (Roche) "Delivering medicines for Neurodegenerative & Neurodevelopmental disorders in the 21st century"

Session 1: “The auditory system in health and disease”
Chaired by: Tania Rinaldi Barkat (Department of Biomedicine, University Hospital Basel)
09:55 - 10:00 Introduction to the session
10:00 - 10:25 Daniel Bodmer (Dep. of Biomedicine, University Hospital Basel) "Hearing loss: From the lab to the clinic"
10:25 - 10:50 Jan Gründemann (Dep. of Biomedicine, University Hospital Basel) "Tuning fear: Auditory response dynamics in emotional behaviours"
10:50 - 11:15 Ralf Schneggenburger (EPFL, Lausanne) "GABA\textsubscript{A} regulation of inhibitory plasticity: A new mechanism for remodeling cortical sound representation"

11:15 - 11:45 Coffee Break

Session 2: “Stroke – acute and chronic disease mechanisms and diagnostic aspects”
Chaired by: Leo Bonati (Department of Clinical Research, University Hospital Basel)
11:45 - 11:50 Introduction to the session
11:50 - 12:15 Raphael Guzman (Dep. of Biomedicine, University Hospital Basel) “Stroke and neuroinflammation”
12:15 - 12:40 Philippe Lyrer, Nils Peters, Marie-Françoise Ritz (Dep. of Biomedicine, University Hospital Basel) "Gene expression in human cerebral small vessel disease"
12:40 - 13:05 Mathieu Sarracanie (Dep. of Biomedical Engineering, Allschwil, University of Basel) “Adaptable MRI Technology: Implications for stroke imaging”

13:05 - 14:20 Lunch
13:30 - 14:00 Lunchmeeting: General Assembly Neuroscience Network Basel (for NNB members)

Session 3: “Neuroscience of social interaction and decision making”
Chaired by: Andreas Papassotriopoulos (Transfaculty Research Platform Molecular and Cognitive Neurosciences, University of Basel)
14:20 - 14:25 Introduction to the session
14:25 - 14:50 Phil Tobler (Dep. of Economics, University of Zürich) “Value-based social decisions in the human brain”
14:50 - 15:15 Nora Raschle (University Psychiatric Clinics, Basel) “Neural correlates of emotion regulation in youths with and without conduct disorder”
15:15 - 15:40 Sebastian Gluth (Faculty of Psychology, University of Basel) “Neural and cognitive mechanisms of a memory bias in decision making”

15:40 - 16:10 Coffee Break

Keynote lecture 2
Chaired by: Rainer Friedrich (Friedrich Miescher Institute for Biomedical Research, Basel)
16:10 - 16:55 Alexander Schier (Biozentrum, University of Basel) “Single cell analysis of brain development”

16:55 - 17:00 Closing remarks: Nicole Schaeren-Wiemers (Department of Biomedicine)
17:00 - 17:30 Credit points for ‘Tiersuchsleiter’ (to be confirmed, please check the symposium website!)