Bench to Bedside Symposium: Friday, 7th February 2020
Pharmazentrum, Hörsaal 1
Klingelbergstrasse 50/70, 4056 Basel

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

Keynote lecture 1
Chaired by: Rainer Friedrich (FMI)
09:10 - 09:55 Friedemann Zenke (FMI) "Building functional neural networks in-silico"

Session 1: “Modulation and Plasticity of Neural circuits”
Chaired by: Josef Bischofberger (DBM)
09:55 - 10:00 Introduction to the session
10:00 - 10:25 Rainer Friedrich (FMI) "Shaping olfactory memory by inhibition"
10:25 - 10:50 Tania Barkat-Rinaldi (DBM) "Modulating auditory perception with white noise"
10:50 - 11:15 Johannes Felsenberg (FMI) "Changing memories - on the fly"

11:15 - 11:45 Coffee Break

Session 2: “Epigenetic mechanisms underlying nervous system development, function and repair”
Chaired by: Andreas Papassotiropoulos (Faculty of Psychology and University Psychiatric Clinics)
11:45 - 11:50 Introduction to the session
11:50 - 12:15 Isabelle Mansuy (Department of Health Sciences and Technology, ETHZ) "The epigenome as vector of heredity: Evidence in mammals involving the germline"
12:15 - 12:40 Filippo Rijli (FMI) "Neuroepigenetics: Polycomb signatures and regulation of neural development"
12:40 - 13:05 Claire Jacob (Institute of Developmental Biology and Neurobiology, J. Gutenberg University, Mainz) "Control histone deacetylase activity to enhance axonal regeneration and remyelination"

13:05 - 14:40 Lunch
13:30 - 14:00 Lunchmeeting: General Assembly Neuroscience Network Basel (for NNB members)

Session 3: “Developmental mechanisms and early therapeutic interventions in schizophrenia”
Chaired by: Anne Eckert (Psychiatric University Clinics Basel)
14:40 - 14:45 Introduction to the session
14:45 - 15:10 Pico Caroni (FMI) "Sensitive period for long-lasting preventive treatment in mouse model of schizophrenia"
15:10 - 15:35 Dragos Inta (UPK) "Postnatal neurodevelopmental impairment in schizophrenia: focus on dopamine and glutamate"

15:40 - 16:10 Coffee Break

Keynote lecture 2
Chaired by: Nicole Schaeren-Wiemers (DBM)
16:10 - 16:55 Bernhard Bettler (DBM) "Regulation of synaptic inhibition by multi-protein GABA_b receptor complexes"

16:55 - 17:00 Closing remarks: Nicole Schaeren-Wiemers (DBM)
17:00 - 17:30 Credit points for ‘Tierversuchsleiter’