Wednesday, June 13

13:00 Welcome
Heiko Luhmann, speaker program committee
Klaus Lieb, speaker rmn²

13:05 – 14:00 Lecture
Edita Navratilova
Dept. Pharmacology, University of Arizona
Pain Processing in the Brain

Symposium I “Mechanisms of pain persistence and relief”
Chair: Irmgard Tegeder, Inst. Clinical Pharmacology, Frankfurt

14:00 – 14:20
Katharina Zimmermann
Department of Anesthesiology, Erlangen
Identifying susceptibility factors of cold allodynia with behavioural animal models

14:20 – 14:40
Marco Sisignano
Inst. Clinical Pharmacology, Frankfurt
Lipid signalling in neuropathic pain states

14:40 – 15:00
Frank Birklein
Neurology Clinic, Mainz
Immune mechanisms of Complex Regional Pain

15:00 – 15:30 Coffee break

15:30 – 15:50
David Slattery
Department of Psychiatry, Frankfurt
Rbfox1 – a novel candidate gene for psychiatric disorders

Symposium II “New in the Region”
Chair: Heiko Luhmann, Inst. Physiology, Mainz

15:50 – 16:10
Jakob von Engelhardt
Inst. Pathophysiology, Mainz
Modulatory role of AMPA receptor interacting proteins

16:10 – 16:30
Julijana Gjorgjieva
MPI for Brain Research
Activity-dependent organizing principles in developing cortical networks

16:30 – 16:50
Florian Ringel
Department of Neurosurgery
TBA

16:50 – 17:30 Coffee Break

Thursday, June 14

08:00 – 09:00 Breakfast

09:00 – 10:00 Lecture
Francois Guillemot
Francis Crick Institute, UC London
Heterogeneity of stem cells in the adult brain
**Symposium III “Gene regulatory mechanisms in brain development and function”**  
Chair: Jennifer Winter, Inst. Human Genetics, Mainz  
10:00 – 10:20  
Susann Schweiger  
Inst. Human Genetics, Mainz  
Epigenetic modulation in imprinting disorders- therapeutic implications  
10:20 – 10:40  
Marisa Karow  
Probing the transcriptional programs underlying human neurogenesis by direct lineage reprogramming  
10:40 – 11:00  
Marzieh Zonouzi  
Boehringer Ingelheim  
Regulation of axon-oligodendrocyte interaction in health and disease  
11:00 – 11:30 Coffee break  
11:30 – 12:30 Lecture  
Marija Petrinovic  
Inst. Psychiatry, Psychology & Neuroscience, King’s College, London  
Repetitive behaviour(s) in animal models of autism  

**13:30 – 14:00 Lunch break**  

**14:00 – 15:00 Lecture**  
Rohini Kuner  
Inst. Pharmacology, Heidelberg  
Chronic pain: why time does not heal all wounds  

**15:00 – 18:00 Posters and Coffee**  
17:15 Meeting FTN-fellowship holders  
their attendance at posters only until 17:00  

**16:00 – 17:00 Lecture**  
Istvan Mody  
Dept. Physiology, UCLA, Los Angeles  
Inhibition in the aging brain  

**17:30 – 18:00 Lecture**  
Ilona Grunwald Kadow  
Technical University of Munich, Freising  
Dissecting adaptive animal behaviour in the fly  

**Friday, June 15**  
08:00 – 09:00 Breakfast  

**10:20 – 11:00 Lecture**  
Johannes Letzkus  
MPI Brain Research, Frankfurt  
Behavoural control of neocortical computations through layer 1  

**11:30 – 12:30 Lecture**  
Marshall Shuler  
Dept. Neuroscience, Johns Hopkins, Baltimore  
The genesis of reward timing and a theory of temporal decision making  

Syposium IV “The Neuroscience of Autism Spectrum Disorder”  
Chair: Christine Ecker, Dept. Child and Adolescent Psychiatry, Frankfurt  
12:30 – 12:50  
Michael Schmeißer  
Inst. Anatomy, Magdeburg  
Novel avenues in the pathobiology of autism spectrum disorder  
12:50 – 13:10  
Andreas Chiocchetti  
Dept. Child and Adolescent Psychiatry, Frankfurt  
Translating the genetic landscape of autism to brain developmental trajectories  
13:10 – 13:30  
Caroline Moessnang  
Central Health Inst., Mannheim  
A multisite investigation of functional brain systems in autism spectrum disorder using task-based fMRI