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

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

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

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
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

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
18:00 – 19:00 Lecture
Istvan Mody
Dept. Physiology, UCLA, Los Angeles
Inhibition in the aging brain
19:00 – 20:00 Dinner
20:30 – open end Party

Friday, June 15
08:00 – 09:00 Breakfast
09:00 – 10:00 Lecture
Ilona Grunwald Kadow
Technical University of Munich, Freising
Dissecting adaptive animal behaviour in the fly

Symposium 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

10:20 – 10:40
Florence Kieberg
FIAS, Frankfurt
Network structure shaped by excitatory and inhibitory plasticity
10:40 – 11:00
Mark Hübener
MPI Neurobiology, Martinsried
Neuronal correlates of category learning in mouse visual cortex
11:00 – 11:30 Coffee and Snacks
11:30 – 11:50
Torfi Sigurdsson
Inst. Neurophysiology, Frankfurt
Prefrontal circuits supporting spatial working memory
11:50 – 12:10
Sevil Duvarcı
Inst. Neurophysiology, Frankfurt
Dopaminergic mechanisms of fear extinction
12:10 – 12:30
Martin Vinck
ESI, Frankfurt
State dependence of visual encoding and temporal activity patterns
12:30 – 13:30 Lecture
Marshall Shuler
Dept. Neuroscience, Johns Hopkins, Baltimore
The genesis of reward timing and a theory of temporal decision making
13:30 Awarding of Poster Prizes
14:00 Concluding Remarks
14:00 Departure