

Program

Thursday, June 12, 2014

- 11:00 – 13:00** **Arrival and Registration**
- 12:00 – 13:00** **Lunch**
- 13:00 – 13:05** **Welcome**
- 13:05 – 13:50** **Lecture I**
Chair: Ulrich Dirnagl
Costantino Iadecola (New York, USA)
Neurovascular pathways to cognitive dysfunction: mechanisms and therapeutic implications
- 13:50 – 14:50** **Young Investigator Presentations I** (4 x 15 min)
Chair: Helmut Kettenmann
- 13:50 – 14:05 **Angeli Möller** (Max-Delbrück-Centrum für Molekulare Medizin (MDC), Neuroproteomics)
Phosphorylation-dependent interactions of Munc18
- 14:05 – 14:20 **Anne Järve** (Max-Delbrück-Centrum für Molekulare Medizin (MDC), Molecular Biology of Peptide Hormones)
Effect of CXCL12 axis modulation on immune cell recruitment in spinal cord, bone marrow and blood following spinal cord injury
- 14:20 – 14:35 **Anna Carbone** (Molecular Neuroscience and Biophysics, Neurocure)
Superactivation of AMPA receptors by auxiliary proteins
- 14:35 – 14:50 **Tatiana Korotkova** (Leibniz-Institut für Molekulare Pharmakologie (FMP).AG Behavioural Neurodynamics)
Gamma-rhythmic signaling between medial prefrontal cortex and lateral septum
- 14:50 - 16:45** **Poster Session I and Coffee Break**
- 16:45 – 17:30** **Lecture II**
Chair: Volker Haucke
Peter Scheiffele (Basel, Switzerland)
Deconvolving molecular diversity and logic of polymorphic synaptic adhesion molecules
- 17:30 – 18:30** **Welcome to Berlin Session I**
Chair: Ingolf Blasig
- 17:30 – 18:00 **Janine Kirstein-Miles** (Leibniz Institute for Molecular Pharmacology (FMP) + NeuroCure Excellence Cluster)
Proteostasis in aging and neurodegenerative diseases
- 18:00 – 18:30 Ursula Koch (Freie Universität Berlin, Institut für Biologie, AG Neurophysiologie)
Temporal sound processing in health and disease - from synapses to circuits
- 18:30 – 19:00** **Dinner Talk**
Chair: Benedikt Salmen
Walther Ch. Zimmerli (Humboldt Graduate School Berlin)
'Pure' basic research and 'dirty' technology: Missunderstanding science
- 19:00 – 20:00** **Dinner**

- 20:00 – 21:00 Lecture III**
 Chair: Hans-Joachim Pflüger
Martin Göpfert (Göttingen, Germany)
Drosophila hearing: mechanisms and genes
- ca. 21:30 Public Viewing**
2014 FIFA World Cup opening match: Brasil / Croatia
- 22:00 Disco Night**

Friday, June 13, 2014

- 8:00 – 9:00 Breakfast**
- 9:00 – 9:45 Lecture IV**
 Chair: Gabriel Curio
Peter König (Osnabrück, Germany)
Overt attention as a decision process
- 9:45 -11.15 Welcome to Berlin Session II (3 x 30 min)**
 Chair: Uwe Heinemann
- 9:45 – 10:15 **Martin Rolf**s (Bernstein Center for Computational Neuroscience Berlin/Department of Psychology, Humboldt Universität)
Attentive processes in active vision and cognition
- 10:15 – 10:45 **Christian Otte** (Charité Universitätsmedizin Berlin, Klinik für Psychiatrie und Psychotherapie)
Neurobiological Stress-Systems in Depression and Anxiety
- 10:45 – 11.15 **Stefan M. Gold** (University Hospital Hamburg-Eppendorf, Center for Molecular Neurobiology, Institute for Neuroimmunology and Multiple Sclerosis (inims))
Endocrine-immune networks and neuropsychiatric symptoms in CNS autoimmunity
- 11:15 – 11:30 Coffee Break**
- 11.30 – 12:30 Young Investigator Presentations II (4 x 15 min)**
 Chair: Malek Bajbouj
- 11:30 – 11:45 **Yan Fan** (Cluster Languages of Emotion, Freie Universität Berlin)
Emotional abuse and oxytocin modulate amygdala-hippocampal connectivity changes during acute psychosocial stress
- 11:45 – 12:00 **Simon Jacob** (Department of Psychiatry and Psychotherapy, Charité)
Single neuron correlates of executive control in the primate cortex: Physiology and pharmacology
- 12:00 – 12:15 **Sandra Wohlgemuth** (Animal Behavior Biology, Freie Universität)
Effect of FoxP2 on synaptic transmission and plasticity in zebra finches
- 12:15 – 12:30 **Lars Winkler** (Leibniz-Institut für Molekulare Pharmakologie (FMP))
The impact of Claudin-3 deficiency on the integrity of the blood brain barrier
- 12:30 – 13:30 Lunch**
- 13:30 – 15:00 Poster Session II and Coffee Break**
- 15:00 – 16:00 Lecture IV**
 Chair: Frank Heppner
Toni Wyss-Coray (Stanford, USA)
Modulation of brain aging and plasticity through systemic factors
- 16:00 Departure**