8th Annual Meeting
„Molecular and Cellular Neurobiology“
Johannes Gutenberg-Universität Mainz
am 21.11.2008
J.-J.-Becher-Weg 5 (Alte Mensa)

9:00 Welcome: Beat Lutz, Institute of Physiological Chemistry and Pathobiochemistry, Mainz
Prof. Dr. Preuss, vice president of research, University of Mainz

1st session Chair: Heiko Luhmann, Institute of Physiology & Pathophysiology, Mainz
9:15 Plenary: Carl Petersen, Brain Mind Institute, École Polytechnique Fédérale de Lausanne (EPFL)
„Synaptic mechanisms of sensory perception“
10:15 Robin White, Institute of Physiology & Pathophysiology, Mainz
„Axon-glial signaling mediates myelin protein synthesis“
10:35 Anne Martin, Institute of Physiological Chemistry and Pathobiochemistry, Mainz
„The functional role of LRP1 in tPA – mediated activation of NMDA receptors“
10:55 - 11:15 Coffee break

2nd session Chair: Uwe Wolfrum, Institute of Zoology, Mainz
11:15 Plenary: Dominik Heyers, Department of Biology and Environmental Sciences, University of Oldenburg
„The magnetic compass of migratory birds from behaviour and cognition to molecular mechanisms“
12:15 Matthias Klugmann, Institute of Physiological Chemistry and Pathobiochemistry, Mainz
„Homing in on gene therapy for white matter disease“
12:35 – 15:00 Lunch and Poster Session

3rd session Chair: Beat Lutz, Institute of Physiological Chemistry and Pathobiochemistry, Mainz
15:00 Plenary: Peter Mombaerts, MPI of Biophysics, Frankfurt/Main
„Olfaction targeted“
16:00 Philipp Trojan, Institute of Zoology, Mainz
„Antagonistically regulatory mechanisms of centrin/G-protein assembly in the connecting cilium of photoreceptor cells“
16:20 – 16:40 Coffee break

4th session Chair: Hartmut Lüddens, Dept. of Psychiatry, Mainz
16:40 Julia Jasiewicz, Institute of Physiological Chemistry and Pathobiochemistry, Mainz
„Short-term plasticity of excitatory synapses between cortical inputs and lateral amygdala“
17:00 Plenary: Hannah Monyer, Dept. Clinical Neurobiology, University Hospital Heidelberg
„Role of GABAergic interneurons in hippocampal function“
18:00 Poster Prize Award

End of meeting