

New Developments in
Microglial Research
September 20 – 21, 2018



Thursday, September 20, 2018

14:00 – 16:00	Session I (talk 1 - 4)
14:00 – 14:20	Alexander Mildner (Forschungsschwerpunkt Krebsforschung/ Forschungsgruppe Zelldifferenzierung und Tumorigenese, MDC Berlin) <i>Insights into the maintenance and dynamics of microglia</i>
14:20 – 14:40	Michael Sieweke (Max Delbrück Center for Molecular Medicine, MDC Berlin) <i>Self-renewal and maturation of microglia</i>
14:40 – 15:00	Olga Garaschuk (Institute of Physiology, Hertie-Institut für klinische Hirnforschung, Tübingen) <i>Understanding the role of in vivo Ca²⁺ signals in microglia</i>
15:00 – 15:20	Martin Korte (Zoologisches Institut, TU Braunschweig) <i>Long-term effects of immunostimulation on synaptic plasticity and microglia activations</i>
15:20 – 16:20	Poster Session and Coffee Break
16:20 – 17:40	Session II (talk 5 - 8)
16:20 – 16:40	Jonas Neher (Zellbiologie Neurologischer Erkrankungen, Hirnforschung, Tübingen) <i>Epigenetic microglial reprogramming alters neurological disease</i>
16:40 – 17:00	Ari Waismann (Institut für Molekulare Medizin Mainz, Mainz) <i>The role of microglia in CNS inflammation</i>
17:00 – 17:20	Mikael Simons (Cellular Neuroscience, Max-Planck-Institute for Experimental Medicine, Göttingen) <i>Functions of microglia in remyelination</i>
17:20 – 17:40	Matthias Endres (Klinik und Poliklinik für Neurologie, Charité - Universitätsmedizin Berlin, Campus Mitte, Berlin) <i>Microglia and stroke</i>
17:40 – 18:00	Coffee Break
18:00 – 19:00	Ido Amit

Friday, September 21, 2018

9:00 – 11:00	Session III (talk 9 - 13)
9:00 – 9:20	Frank Heppner (Institut für Neuropathologie, Charité - Universitätsmedizin Berlin, Berlin) <i>Microglial actions and phenotypes in neurodegeneration</i>
9:20 – 9:40	Michael Thomas Heneka (Klinische Neurowissenschaften, Universität Bonn, Klinik und Poliklinik für Neurologie, Bonn) <i>Central and peripheral immune processes as drivers of Alzheimer's disease</i>
9:40 – 10:00	Christian Haass (Stoffwechselbiochemie, Biomedizinisches Centrum, Ludwig-Maximilians-Universität München) <i>TREM2 dysfunction in neurodegenerative diseases</i>
10:00 – 10:20	Ingo Bechmann (Institute of Anatomy, Universität Leipzig, Leipzig) <i>Microglial aging</i>
10:20 – 10:40	Helmut Kettenmann (Zelluläre Neurowissenschaften, Max-Delbrück Centrum für Molekulare Medizin, Berlin) Features of microglial activation
10:40 – 11:30	Poster Session and Coffee Break
11:30 - 13:30	Session IV (talk 13 - 18)

11:30 – 11:50	Björn Spittau (Molecular Embryology, Universität Freiburg, Freiburg) <i>TGF-beta-mediated regulation of microglia activation and maturation</i>
11:50 – 12:10	Knut Biber (AbbVie Deutschland GmbH & Co. KG, Ludwigshafen) <i>The role of microglia in stress-induced depressive-like behavior</i>
12:10 – 12:30	Georg Juckel (Westfäl. Zentrum f. Psychiatrie, Psychotherapie + Psychosomat, Klinik der Ruhr-Universität Bochum, Bochum) <i>Microglia activation in the Polyl:C model of schizophrenia</i> (am Freitag, 21.9.)
12:30 – 12:50	Josef Priller (Abteilung für Neuropsychiatrie, Charité - Universitätsmedizin Berlin, Berlin) <i>Heterogeneity of CNS myeloid cells and their roles in neuropsychiatric diseases</i>
12:50 – 13:10	Thomas Langmann (Experimentelle Immunologie des Auges, Uniklinik Köln, Köln) <i>Therapeutic modulation of microglia controls vision loss</i>
13:10 – 14:30	Lunch / Strategic Discussion