

5th Network Meeting
Final symposium
**„Neuroinflammation: A common denominator for stroke, multiple sclerosis
and Alzheimer’s disease“**

23rd to 25th February 2017
Lübeck, Germany

Meeting Place: University of Lübeck
Ratzeburger Allee 160
23562 Lübeck, Germany
CBBM, House 66, ground floor, seminar room S1/S2
(Thursday to Friday morning)
Audimax, Lecture Hall S4 (Friday afternoon & Saturday morning)

Agenda

Thursday, 23rd February 2017
CBBM, House 66, ground floor, seminar room S1/S2

13:30 – 15:30	Presentations by ESRs (project 1-4) (20 min presentation + 10 min discussion) Chair: Elga de Vries Marta Jordao "Characterization of CNS myeloid cells in EAE" Mattia Gallizioli "Dendritic cell subpopulations in ischemia-induced neuroinflammation: friends and foes?" Rittika Chunder "Autoantibodies and their detection and trafficking of B cells in neuroinflammation" Meike Keuters "Novel therapeutic strategies in stroke: From gene transfer to small molecules"
15:30-16:00	Coffee Break
16:00 – 17:30	Presentations by ESRs (project 5-7) (20 min presentation+10 min discussion) Chair: Anna Planas Mariana Dias "The role of brain barriers tight junctions in neuroinflammation" Omar Chuquisana "Interaction of neutrophils with the neurovascular unit after early esteem stroke" Claudio Derada Troletti "Molecular regulation of the blood-brain barrier under inflammatory conditions"

Friday, 24th February 2017**CBBM, House 66, ground floor, seminar room S1/S2**

- 8:30 – 10:00 Presentations by ESRs (project 8-10)
(20 min presentation + 10 min discussion)
Chair: Lydia Sorokin
- Anuprya Mehra
"NMDA receptor, tPA on Blood Brain Barrier - A good combination or bad: We answer"
Yun Jiang
„Protective Role of Brain Endothelial *Nemo* in Microvascular Pathologies and Vascular Dementia"
Wenson David Rajan Karunakaran
"Functional heterogeneity of CNS resident and infiltrating macrophages during inflammation"
- 10:30 - 11:00 Coffee Break
- 11:00 - 12:30 Presentations by ESRs (project 11-13)
(20 min presentation + 10 min discussion)
Chair: Markus Schwaninger
- Mariana Coelho da Mota
"Epigenetic drug treatment is neuroprotective in experimental stroke"
Nozha Borjini
"Early markers of microglial activation and neural distress"
Natalia Kolosowska
"Targeting immune responses in neuroinflammatory diseases"
- 12:30 – 13:25 Lunch break

Friday, 24th February 2017**Audimax, Lecture Hall S4**

- 13:25 – 13:30 Welcome by Markus Schwaninger
- 13:30 – 15:30 External Speaker (45 min presentation + 15 min discussion)
Chair: Marco Prinz, Bozena Kaminska
- Adam Denes
"Microglia: a grumpy maid regulating neuronal activity and injury in the brain"
- Maria Gracia De Simoni
"Targeting the lectin pathway of complement activation in acute brain injury"
- 15:30 – 16:00 Coffee Break
- 16:00 – 18:00 Alexander Flügel
"Tracking the T-cell attack in CNS autoimmunity"
- Martin Lauritzen
"Local control of brain blood flow by penetrating arterioles and capillaries"

Saturday, 25th February 2017
Audimax, Lecture Hall S4

9:00 – 11:00	External Speaker (45 min presentation + 15 min discussion) Chair: Jari Koistinaho, Britta Engelhardt Kari Alitalo "Development and plasticity of meningeal lymphatic vessels" Elisabetta Dejana "The molecular mechanisms that regulate the integrity in the brain microcirculation"
11:00 – 11:30	Coffee Break
11:30 – 13:30	Mark Kahn "Cerebral cavernous malformation: from mechanism to therapy" Stuart Allan "Interleukin-1, a key player in cerebrovascular disease"
13:30 – 13:40	Markus Schwaninger Final remarks
13:45 – 14:30	Lunch/End of session