

ABINEP Symposium 2019 of the International Graduate School ABINEP

Sep 02nd-04th, 2019 | Merseburg, GER

Program September 02, 2019

13:00-13:30	Welcome Lunch
13:30-13:45	Welcome by Prof. Dr. Volkmar Leßmann
Session I:	Module 3 - Immunosenescence: Infection and Immunity in the Context of Aging <i>Chairs: Lisa Osbelt, Julia Rogge</i>
13:45-14:55	<i>Guest speaker- Prof. Dr. Maria J.G.T Vehreschild</i> <i>Microbiota-based infection prevention – A clinical perspective</i>
14:55-15:10	Lisa Osbelt <i>Influence of the microbiota composition on the individual susceptibility towards infections</i>
15:10-15:25	Coffee Break
15:25-15:40	Aneri Shah <i>Role of Y-box binding protein 1 in activation of NF-κB signaling pathway downstream</i>
15:40-15:55	Ann-Kathrin Meinshausen <i>The terminal complement pathway identifies prosthesis infection in periprosthetic tissue samples</i>
15:55-16:10	Alexander Pausder <i>Impact of immunomodulating substances on pneumococcal colonization of the respiratory tract in murine allergic asthma</i>
16:10-16:25	Ulrike Pfohl <i>Uncovering the role of mutant SMAD4R361H in colorectal cancer using patient-derived 3D models</i>
16:30-17:30	Poster Session
17:30-18:30	'PhD students and Guest speakers only' round table (Modules 3 & 4)
19:00	Dinner

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Program September 03, 2019 – Part I

09:00-09:05	Welcome
Session II:	Module 4- Human Brain Imaging for Diagnosing Neurocognitive Disorders <i>Chairs: Beatrice Barbazzeni, Ayse Malci</i>
09:05-10:15	<i>Guest speaker- Prof. Dr. Tobias H. Donner</i> <i>Understanding Variability in Brain and Behavior</i>
10:15-10:30	Beatrice Barbazzeni <i>Cognitive Training Based on EEG-Neurofeedback to Improve Working Memory in Healthy Volunteers</i>
10:30-10:50	Coffee Break
10:50-11:05	Camila Agostino Predicting occluded trajectories using temporal information as predictor
11:05-11:20	Stefan Replinger <i>Into the Deep – Intracranial Recordings from the Human Substantia Nigra</i>
11:20-11:35	Sharavanan Ganesan <i>Single target visual search training in simulated central vision loss - A pilot study</i>
11:35-12:30	Future Perspectives: ABINEP Lecture/Workshops 2020 (Organizers only)
12:30-13:30	Lunch

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Program September 03, 2019 – Part II

12:30-13:30	Lunch
Session III:	Module 2- Neurophysiology and Computational Modeling of Neuronal Networks
	<i>Chairs: Evangelia Pollali, Rituparna Bhattacharjee</i>
13:30-14:40	<i>Guest speaker- Dr. Sanja Mikulovic</i> Hippocampal neuronal networks underlying cognitive, emotional and motor learning
14:40-14:55	Evangelia Pollali <i>The GAD65 KO mouse model of reduced GABAergic synthesis: changes in hippocampal network oscillations and single cell properties</i>
14:55-15:15	Coffee Break
15:15-15:30	Babak Saber Marouf <i>Role of TRPC Channels in Temporal Bridging and Spatial Navigation in the Hippocampal-Entorhinal Circuit</i>
15:30-15:45	Ehsan Kakaei <i>Spontaneous versus physical reversals of kinetic depth (KDE): a whole-brain fMRI study</i>
15:45-16:00	Babak Kodaie <i>Modulation of spike timing-dependent LTP at Schaffer collateral-CA1 synapses along the longitudinal axis of the mouse hippocampus</i>
16:00-16:15	Vivekanandhan Viswanathan <i>A rat model of reward conditioning using optogenetic VTA stimulation</i>
16:20-17:20	'PhD students-Guest speakers only' round table (Modules 1 & 2)
17:30-19:00	Get Together – Guided Tour
19:00	Dinner

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Program September 04, 2019

09:00-09:10	Welcome
Session IV:	Module 1- Neuroinflammation: Inflammatory processes in Neurodegeneration <i>Chairs: Ayse Malci, Vivekanandhan Viswanathan</i>
09:10-10:20	<i>Guest speaker- Dr. Sonja Best</i> <i>Beyond retroviruses: restriction of flavivirus replication by TRIM5α.</i>
10:20-10:35	Ayse Malci <i>Neuroplastin-plasma membrane Ca²⁺ ATPase complexes: Are they new players in Ca²⁺ signaling and synaptic plasticity?</i>
10:35-10:50	Coffee Break
10:50-11:05	Rituparna Bhattacharjee <i>Early events leading to Experimental Cerebral Malaria (ECM) associated brain pathology</i>
11:05-11:20	Carla Marcia Cangalaya Lira <i>Cytoskeleton-dependent mechanisms of the microglia-extracellular matrix-neuron interaction during neuroinflammatory processes</i>
11:20-11:35	Sarah Schreier <i>Cell specific regulation of antiviral response in astrocytes during CNS infection</i>
11:35-11:50	Timothy French <i>Neuronal impairment following chronic Toxoplasma gondii infection is aggravated by intestinal nematode challenge in an IFN-γ-dependent manner.</i>
11:50-12:00	<i>Goodbye Words</i> Prof. Leßmann
12:00-13:10	Photograph session + Lunch
13:20	Departure

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Program September 02, 2019 – Poster Session

16:30-17:30 **Poster Session**

Julia Rogge

Beta-lateralisation builds up over time throughout a delay

Evangelia Pollali

*The GAD65 KO mouse model of reduced GABAergic synthesis: changes
In hippocampal network oscillations and single cell properties*

Ulrike Pfohl

*Uncovering the role of mutant SMAD4R361H in colorectal-tumor-
derived 3D cultures (PD3D®)*