

Tuesday, 23/05/2023

8:30 – 9:20	Registration
9:20 – 9:30	Introduction (IPMM Days Committee)
Session I	Neurology Session chairs: <i>Marco Timmer</i> and <i>Omar Hassan</i>
9:30 – 9:50	Joshua Strelow (Department of Neurology) <i>“Using Electrophysiological and Tractographic Correlates to Optimize Deep Brain Stimulation in Parkinson's Disease”</i>
9:50 – 10:10	Ehsan Alirahimi (Department of Anaesthesiology and Intensive Care Medicine) <i>“High throughput venom screening identifies potential mechanism of Black Widow spider induced pain”</i>
10:10 – 10:30	Elena Doering (Center of Neurodegenerative Disease) <i>“Convolutional neural networks for the prediction of changes in brain metabolism”</i>
10:30 – 11:00	Coffee Break
11:00 – 12:00	Keynote Lecture I Dr. Violaine Goidts German Cancer Research Center (DKFZ)
12:00 – 13:00	Poster Session I
13:00 – 14:00	Lunch Break
Session II	1st Year PhD Session Session chairs: <i>Paul Bröckelmann</i> , <i>Elena Müller-Limberger</i> and <i>Lea Zimmermann</i>
14:00 – 14:15	Simon Lennartz (Department of Internal Med I) <i>“Chimeric Antigen Receptor T cell systems to target human epidermal growth factor 2 (Her2/ERBB2) for immunotherapy”</i>

14:15 – 14:30	Lea Kowsky (CMMC) <i>“Modeling clonal evolution of cancer with machine learning methods”</i>
14:30 – 14:45	Maurice Tust (Department of Pharmacology) <i>“Investigation of transporter-mediated insertion of drugs into the plasma membrane using a hyperosmolarity assay”</i>
14:45 – 15:00	Igor Moskaliov (Institute of Pharmacology) <i>“Promoting functional regeneration after spinal cord contusion injury”</i>
15:00 – 15:15	Jana Niehues (Experimental Cardiology) <i>“The Impact of Chronic Kidney Disease on Lung Myeloid Cell Biology”</i>
15:15 – 15:30	Coffee Break
15:45 – 16:15	Meet the Companies
16:15 – 17:00	Networking & Get together

Wednesday, 24/05/2023

8:45 – 9:00	Welcome
Session III	Mechanisms of Cancer Session Chairs: <i>Daria Lehrmann</i> and <i>Jan Schmitz</i>
9:00 – 9:20	Laura Kaiser (Department of Translational Genomics) <i>“Genomic dissection of the evolutionary dynamics under chemotherapy in small cell lung cancer”</i>
9:20 – 9:40	Paul Sommerfeld (Center of Pharmacology) <i>“Selective G protein ligands as antitumor agents and therapeutics for myocardial failure – In the search for new inhibitors of transglutaminase 2”</i>
9:40 – 10:00	Daniel Bachurski (Department I of Internal Medicine) <i>“Tellurium-based labeling of the extracellular vesicle proteome (TeLEV) enables high-dimensional single-cell analyses of EV recipients by mass cytometry and imaging mass cytometry”</i>
10:00 – 10:30	Coffee Break
Session IV	Ophthalmology and Tissue Repair Session Chairs: <i>Mandy Hector</i> and <i>Julia Hofmann</i>
10:30 – 10:50	Urbanus Kinuthia (Department of Ophthalmology) <i>“Pharmacological targeting of microglia ameliorates vasculopathy associated with attenuated PDGFB/PDGFRβ signaling in murine retina”</i>
10:50 – 11:10	Jennifer Peil (Department of Ophthalmology) <i>“Importance of dendritic cells in pathogenesis of conjunctival melanoma and therapy of conjunctival melanoma”</i>
11:10 – 11:30	Jan Schmitz (Tissue Repair Department / Karlstetter) <i>“Lipid Nanoparticle-based Delivery of microRNA-29 and its Therapeutic Use in Liver Fibrosis”</i>

11:30 – 12:00	Coffee Break
12:00 – 13:00	Poster Session II
13:00 – 14:00	Lunch Break
14:00 – 15:00	Keynote Lecture II Prof. Dr. Andrew Sewell Systems Immunity Research Institute, Cardiff University
Session V	Immunology and Inflammation Session Chairs: <i>Lauren de Vore</i> and <i>Charlyn Dörnte</i>
15:00 – 15:20	Charlyn Dörnte (Miltenyi Biotec B.V. & Co. KG) <i>“Identification and characterization of antigen specific T cells in SARS-CoV-2 viral infections”</i>
15:20 - 15:40	Ximena Hildebrandt (CECAD) <i>“Understanding the role of linear ubiquitination during obesity-induced inflammation”</i>
15:40 – 14:10	Coffee Break
16:10 – 16:40	IPMM General Information Dr. Debora Grosskopf-Kroiher (CMMC) PD Dr. Catherin Niemann (CMMC)
16:40 – 17:00	Meet the IPMM Representatives
17:00 – 17:15	Awards and Closing Remarks
17:30	Get Together