

DGHM FG Eukaryotic Pathogens Statusworkshop 2025

Thursday, May 08, 2025

12:00-13:15	Registration, Lunch - Lobby	
Keynote Lectures		
13:15-14:00	Ildiko Dunay OvGU Magdeburg	Parasite entry and neuroinflammatory changes following <i>T. gondii</i> infection
14:00-14:45	Markus Ganter Univ. Hospital Heidelberg	<i>Plasmodium</i> proliferation in the blood: How, why, and who?
14:45-15:30	Joel Vega-Rodriguez NIH, USA	How Mosquito Adaptation to Hematophagy Shaped the Transmission of Malaria Parasites
15:30-15:50	Coffee break - Lobby	
Session I – Virulence and Pathogenicity of <i>Candida albicans</i>		
15:50-16:10	Annekatri Cordts University Medical Centre Göttingen	Attenuation/de-attenuation of <i>Candida albicans</i> depending on different clinical conditions
16:10-16:30	Rosanne Sprute University of Cologne	Patient-derived monoclonal antibodies against virulence factors of <i>Candida albicans</i>
16:30-16:50	Henriette Rudolph Goethe University Frankfurt	Hyphal Penetration as a Major Mechanism for <i>Candida albicans</i> Translocation across the Blood-Cerebrospinal Fluid Barrier
16:50-17:10	Hans May Leibniz HKI Jena	The role of ECE1 in closely related non-albicans <i>Candida</i> species
17:10-17:30	Dynamic42	Presentation of Organ-On-Chip Technology
17:30-18:00	Dynamic42: Hands-On-Presentation - Coffee break - Lobby	
Session II – Infection Dynamics & Model Systems		
18:00-18:20	Taniya Banerjee Leibniz HKI Jena	Unraveling the infection dynamics of <i>Candida albicans</i> clinical isolates in gut epithelial cells
18:20-18:40	Paul Mathias Jansen Leibniz HKI Jena	Untouched by Modernity: Exploring the evolution of <i>Candida albicans</i> with historic, environmental & modern strains
18:40-19:00	Kerren Volkmar Leibniz HKI Jena	Establishment of 3D lung infection models to study <i>A. fumigatus</i> infection
19:00-19:20	Jumana Ibrahim-Bacha Robert Koch Institute	Establishing alveolar organoids as a model system to study early cryptococcal infections
19:30-21:00	Dinner (catering) - Lobby	

Friday, May 09, 2025

09:00-09:30	General Meeting Fachgruppe Eukaryontische Krankheitserreger	
Session III – Host-Pathogen-Interaction & Immune Responses		
09:30-09:50	Jördis Schuchardt Leibniz HKI Jena	The influence of ISG15 on neutrophil activation and vaginal epithelial cells during <i>Candida albicans</i> infection
09:50-10:10	Erik Böhm Leibniz HKI Jena	Transdifferentiated BLaER1 cells as a model to study the escape of intracellular <i>Candida albicans</i> cells
10:10-10:30	Candela Fernández Fernández Leibniz HKI Jena	<i>Candida albicans</i> uses a host damage indicator for adaptation to high fever temperatures
10:30-10:50	Alliyah Byrd RWTH Aachen University	The complement protein C3b plays an essential role during merozoite invasion of red blood cells
10:50-11:10	Ronny Martin University Würzburg	A stranger thing: How the nonpathogenic yeast <i>Debaryomyces hansenii</i> can contribute to inflammatory diseases
11:10-11:40	Coffee break - Lobby	
Session IV – Molecular Infection Biology		
11:40-12:00	Lukas Schrettenbrunner Leibniz HKI Jena	An improved description of the untranslated regions of poly(A)-tailed RNA from <i>Aspergillus fumigatus</i>
12:00-12:20	Sherihan Musa RWTH Aachen University	The loss of <i>Plasmodium falciparum</i> histone methyltransferase SET2 aborts gametocytogenesis and compromises cytoskeletal integrity
12:20-12:40	Felix Müller RWTH Aachen University	The role of putative mTORC-related kinases in the translational regulation of <i>Plasmodium falciparum</i>
12:40-13:00	Sascha Brunke Leibniz HKI Jena	Butter up - The lipase family of <i>C. albicans</i> in commensalism
13:00-13:15	Farewell and Awards	
13:15-14:00	Lunch - Lobby	
14:00	End of Statusworkshop	

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