

Program of the Leibniz Conference on Bioactive Compounds 2022, May 5-6 in Hamburg, Germany
CSSB Hörsaal, Notkestraße 85, 22607 Hamburg

Thursday, May 5, 2022	
12:00	Registration
12:30	Welcome addresses Ulrich Schaible (scientific director FZB Borstel) Ludger Wessjohann (Speaker of the Network, IPB Halle)
Session 1	INFECTIONS Chair: Thomas Gutschmann (FZB Borstel)
13:00	PLENARY TALK Alke Meents (DESY Hamburg) Drug discovery with high-throughput X-ray screening
13:30	Christine Rohde (DSMZ Braunschweig) Phages as efficient antibacterials in human medicine - current projects in Germany
13:50	Lea Ann Dailey (University of Vienna) Pharmacokinetic considerations for inhaled drugs and natural product mixtures to treat lung infections
14:10	Julius Brandenburg (FZB Borstel) WNT6/ACC2-induced storage of triacylglycerols in macrophages is exploited by <i>Mycobacterium tuberculosis</i>
14:30	Poster session & Coffee break
Session 2	Leibniz-networking: MetaDiv and seed money projects Chair: Ronald Frank (EU-OPENSREEN)
16:00	Jörg Overmann (DSMZ Braunschweig) Establishment of a Translational Competence Platform for Metabolic Diversity (MetaDiv)
16:20	Thomas Gutschmann (FZB Borstel) Generation of bacterial strain-specific antimicrobial peptides
16:40	Robert Rennert (IPB Halle) On the route to SARS-CoV-2-neutralizing cyclic peptides ("Pin-Cov")
Session 3	Award Ceremony Chair: Pierre Stallforth (HKI)
17:00	Leibniz Drug of the Year 2022, Schromm et al. (FZB Borstel) <i>Cathelicidin and PMB neutralize endotoxins by multifactorial mechanisms including LPS interaction and targeting of host cell membranes</i>
17:30	Dinner

Friday, May 6, 2022	
Session 4	BIOACTIVE COMPOUNDS Chair: Dirk Janasek (ISAS Dortmund)
09:00	PLENARY TALK Rolf Müller (HIPS Saarbrücken) Approaches towards innovative antibiotics from microbes
09:30	Matthias Rarey (University of Hamburg) Decoupling organic synthesis from early-stage drug discovery: cheminformatics for ultralarge make-on-demand compound catalogs
09:50	Julian Thiele (IPF Dresden) Polymer microgels as versatile platform for cell-free biosynthesis and enzyme cascade reactions
10:10	Coffee break
10:25	Maik Behrens (LSB@TUM Freising) From humans to vampire bats and back – what can we learn about human bitter taste from comparative receptor profiling?
10:45	Florian Kloß (HKI Jena) INCATE supports your anti-infective innovation - new optimism for a commercial ecosystem
11:05	Yvonne Mast (DSMZ Braunschweig) SARP-driven activation of antibiotic gene clusters
11:25	Coffee break
Session 4	Projects of the Alliance Chair: Ludger A. Wessjohann (IPB Halle)
11:40	Frank Broda (IPB Halle) Leibniz Bioactives Cloud
12:00	Bernd Rupp (FMP Berlin) Leibniz News Portal
12:20	Closing remarks
12:30	Lunch
13:30	Member Assembly Hörsaal CSSB, Notkestraße 85 22607 Hamburg
13:30	Guided tour CSSB/DESY (participants) Notkestraße 85, 22607 Hamburg
16:00	Guided tour CSSB/DESY (LRN assembly members) Notkestraße 85, 22607 Hamburg