

STRATEGY CONFERENCE

VISIONS FOR INFECTION CONTROL

Meeting Program

Wednesday, 14 June 2017

11:00	Arrival, Registration, Lunch
12:00	Welcome & Overview Axel Brakhage and Oliver Kurzai <i>Leibniz Institute for Natural Product Research and Infection Biology – Hans Knöll Institute –</i>
12:20	Welcome Christoph Wannek <i>Federal Ministry of Education and Research</i>
12:30	Keynote Lecture // Chair: Oliver Kurzai Jürgen Graf , <i>University Hospital Frankfurt</i> Challenges in healthcare and infectious disease – from the perspective of a University Hospital
13:15	Project reports & Poster Teaser Talks // Chair: Cornelia Betsch & Oliver Kurzai Petra Gastmeier , <i>Charité – Universitätsmedizin Berlin</i> CLIP-ID - Climate and pathogens - impact of decolonization Wolfgang Sunder , <i>Technische Universität Braunschweig</i> Hortense Slevogt , <i>Jena University Hospital</i> KARMIN Carolin Dewald , <i>Friedrich Schiller University Jena</i> Effective strategies for controlling and dealing with transmission pathways of pathogens in air traffic Frank Brenner , <i>Potsdam Institute of Climate Impact Research</i> Modelling fast spreading patterns of airborne infectious diseases using complex networks Daniel Michael Mrochen , <i>University Medicine Greifswald</i> Wild and laboratory mice are naturally colonized by <i>S. aureus</i> Poster Teaser Talks [1-16]
14:40	Coffee Break
15:00	Keynote Lecture // Chair: Markus Lehmkuhl Volker Stollorz , <i>Science Media Center Germany gGmbH</i>
15:45	Project Reports & Poster Teaser Talks // Chair: Markus Lehmkuhl & Hortense Slevogt Florian Salm , <i>Charité – Universitätsmedizin Berlin</i> Rationaler Antibiotikaeinsatz durch Information und Kommunikation - Vorstellung der Ansatzpunkte des RAI-Projektes Cornelia Betsch , <i>University of Erfurt</i> Impfen 60 ⁺ : Interventions to increase vaccination acceptance and uptake Daniela Zühlke , <i>University of Greifswald</i> Antires – Dissemination of antibiotic resistant bacteria and antibiotic resistance proteins in urban wastewaters Amelia Barber , <i>Leibniz Institute for Natural Product Research and Infection Biology – Hans Knöll Institute –</i> Incidence and mechanism of azole resistance among <i>Aspergillus fumigatus</i> in Germany Poster Teaser Talks [17-31]
17:00	Poster Session & Coffee Break
17:45	Panel Discussion: Visions & Perspectives for Infection Control Michael Bauer , <i>University Hospital Jena</i> Axel Brakhage , <i>Leibniz Institute for Natural Product Research and Infection Biology – Hans Knöll Institute –</i> Eugen Ermantraut , <i>BLINK AG, Jena</i> Petra Gastmeier , <i>Charité – Universitätsmedizin Berlin</i> Stefan Kaufmann , <i>MPI for Infection Biology, Berlin</i> Matthias Kleiner , <i>President of the Leibniz Association</i> Christoph Wannek , <i>Federal Ministry of Education and Research</i>
19:00	Get-together [BBQ at the HKI]

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9:00	Keynote Lecture // Chair: Wolfgang Sunder Joachim Welp , <i>Architecture group Schweitzer + Partner, Braunschweig</i> Beitrag des Krankenhausbaus für die Krankenhaushygiene
9:45	Coffee Break
10:15	Parallel Symposia New antimicrobial compounds [Katharina Riedel] Mechanisms of resistance against antibiotics [Sören Gatermann] Infection control in the 21 st century [Thomas Grünewald] Interdisciplinary competence [Matthias Schwarzkopf] POC Diagnostics: Goals and problems [Frauke Hein]
12:00	Lunch
13:00	Keynote Lecture // Chair: Manuela Marz Lothar Wieler , <i>Robert Koch Institute</i> Future challenges for infection control – and what we can do about them
13:45	Project Reports & Presentation of Symposia Results , Chair: Barbara Bröker & Manuela Marz Guido Werner , <i>Robert Koch Institute</i> IRMESS Manuela Marz , <i>Friedrich Schiller University Jena</i> Molecular serology for rapid determination of vaccination titers Svenja Mamerow , <i>Friedrich-Loeffler-Institut</i> Development of novel double-attenuated live vaccines in swine Sven Hammerschmidt , <i>University of Greifswald</i> VacoME – Vaccine development for respiratory and systemic infections in humans and pigs Barbara Bröker , <i>University Medicine Greifswald</i> Pathogen-host interaction – what can we learn from immunoproteomics? Presentation of Symposia Results and Discussion
15:15	Coffee Break
15:45	Diagnostics Workshop* // Chair: Ralf Ehricht & Marie Röcker Werner Brabetz , <i>Biotype Diagnostic GmbH</i> From ideas to successful products: Design and development of <i>in vitro</i> diagnostic devices from an industrial point of view Ralf Ehricht , <i>Alere Technologies GmbH</i> New molecular and antibody-based tests for the rapid detection of carbapenemases for screening and bedside testing Nicole Normann , <i>University Medicine Greifswald</i> Protein markers for pathogen detection and risk stratification in patients with a suspected bacterial infection Teresa Domaszewska , <i>MPI for Infection Biology</i> Nitpicking on interferon response among TB patients Presentation of Symposia Results and Discussion
18:00	Colloquium at the Zeiss-Planetarium Johannes Krause , <i>MPI for the Science of Human History</i> Das Genom des Schwarzen Todes
19:00	Conference Dinner – Bauersfeld Restaurant at the Zeiss-Planetarium

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Friday, 16 June 2017

9:00	Keynote Lecture // Chair: Florian Kloss Katharina Kranzer , <i>NRC for Mycobacteria, Research Center Borstel - Leibniz-Center for Medicine and Biosciences</i> The threat of multi-drug resistant tuberculosis
9:45	Coffee Break
10:15	Drugs: Development to Application Workshop* // Chair: Florian Kloss & Katharina Kranzer Florian Kloss , <i>Leibniz Institute for Natural Product Research and Infection Biology - Hans Knöll Institute -</i> From the antibacterial hit to an antibiotic drug - An avenue of coincidences and risk Alexander Scheffold , <i>Charité - Universitätsmedizin Berlin</i> CD4 T cells as specific sensors for diagnosis (and therapy?) of fungal infections Maria Stroe , <i>Leibniz Institute for Natural Product Research and Infection Biology - Hans Knöll Institute -</i> Activation of silent gene clusters through heterologous expression and chromatin remodeling Temesgen Hailemariam Dadi , <i>Freie Universität Berlin</i> SLIMM: species level identification of microorganisms from metagenomes Christian Wolff , <i>University of Greifswald</i> Protein markers for pathogen detection and risk stratification in patients with a suspected bacterial infection Presentation of Symposia Results and Discussion
12:00	Lunch & Departure

*organized by TFP