

Leibniz Center Infection (LCI)

The LCI is a dynamic and flexible research alliance of three internationally renowned Leibniz Institutes in the North of Germany:



Bernhard Nocht Institute for Tropical Medicine, Hamburg



Research Center Borstel - Leibniz Lung Center, Borstel



Heinrich Pette Institute, Leibniz Institute for Experimental Virology, Hamburg

Together, they combine more than 220 years of excellence in infection research and provide a stimulating environment for about 600 scientists studying all aspects of a broad range of infectious diseases. The united expertise in parasitic, bacterial and viral infections perfectly qualifies LCI as the center for infection research.

For more information, please visit
www.lc-infection.de



REGISTRATION DEADLINE
JANUARY 10, 2020

Register online:

[www.lc-infection.de/
lci-symposium-2020.html](http://www.lc-infection.de/lci-symposium-2020.html)

Registration is free of charge. Participants are expected to meet their own accommodation and travel expenses.

Certified by the
General Medical Council
15 points



LCI Symposium 2020
Joint Event with DZIF

**Future strategies to
overcome antimicrobial
resistance**

January 23-24



Historic Lecture Hall
Bernhard Nocht Institute for Tropical
Medicine (BNITM)

THURSDAY, January 23

9:30 **Arrival, Registration & Welcome Coffee**

9:45 Opening by Egbert Tannich (acting speaker of LCI), Hamburg, Germany

Session 1: Resistance

Chair: Tobias Dallenga (FZB)

10:00 LCI Keynote Lecture

Bernd-Alois Tenhagen, Berlin, Germany
Resistant bacteria in animals and food - What is their role in human medicine?

11:00 **Coffee**

11:30 Lothar Kreienbrock, Hannover, Germany
Antibiotic usage and resistance in farm animals – is this part of the One Health problem?

12:00 Ulrich Nübel, Brunswick, Germany
Spread of bacterial pathogens from livestock manure

12:30 Abduoulaye Djimdé, Bamako, Mali
Proactivity rather than reactivity in antimalarial drug resistance in Africa: the role of genetics

13:00 **Lunch**

Session 2: Host Directed Therapies

Chair: Thomas Jacobs (BNITM)

14:00 LCI Keynote Lecture

Dietmar Zehn, Munich, Germany
INToXication causes T-cell exhaustion in chronic infection

15:00 Christian Bogdan, Erlangen, Germany
Immunomodulatory and antimicrobial activity of reactive nitrogen and chlorine species

15:30 Norbert Reiling, Borstel, Germany
Host lipid metabolism as adjunctive treatment target in tuberculosis

16:00 **Coffee** (group photo of speakers & chairs)

16:30 Tobias Dallenga, Borstel, Germany
Neutrophils as host-directed therapy target in tuberculosis

17:00 Eain Murphy, Syracuse, USA
Sirtuins as targets for host directed antiviral therapies

17:30 Anca Dorhoi, Greifswald - Isle of Riems, Germany
Myeloid-targeted immunotherapies for tuberculosis

10:00 Thomas Gutschmann, Borstel, Germany
Mimicking host defense - Antimicrobial peptides

10:30 **Coffee**

11:00 Hinrich Schulenburg, Kiel, Germany
Darwin meets the antibiotic crisis: Can we control pathogen evolution?

11:30 Matthias Merker/Jan Heynckendorf, Borstel, Germany
Personalized therapies for multidrug resistant tuberculosis patients: From bench to bedside

12:00 Dirk Busch, Munich, Germany
Adoptive transfer of virus-specific T cells for effective treatment or prevention of infections in immunocompromised patients

12:30 **Lunch**

Session 3: Transmission Control

Chair: César Muñoz-Fontela (BNITM)

LCI Keynote Lecture

13:30 **Alexander W. Friedrich**, Groningen, The Netherlands
From test results to answers: Diagnostic stewardship in times of metagenomics

14:30 Thomas Ant, Glasgow, Great Britain
Wolbachia field trials for dengue control in Malaysia

15:00 Sophie Duraffour, Hamburg, Germany
Laboratory response to support Ebola outbreak control

15:30 Farewell Address by Egbert Tannich



18:00 **DZIF Mixer** (Get-Together)

19:00 **Speakers' Dinner**

Friday, January 24

DZIF Session: Alternative Strategies

Chair: Adam Grundhoff (HPI)

LCI Keynote Lecture

9:00 **Karin Mölling**, Zurich, Switzerland
Phages against resistant bacteria?

Conference venue

Historic Lecture Hall of the Bernhard Nocht Institute for Tropical Medicine
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