

Leibniz Center Infection (LCI)

The Leibniz Center Infection (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 Center for Medicine
and Biosciences, Borstel



Heinrich Pette Institute, Leibniz
Institute for Experimental
Virology, Hamburg

Together, they combine 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 on LCI, please visit <http://www.lc-infection.de/>.

REGISTRATION DEADLINE December 17, 2012

Register now as space will be limited.

Please send your e-mail to:

spaetzold@fz-borstel.de

The registration desk will open at
12:30 on January 31
and at
8:30 on February 01

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

Certified by the
General Medical Council
16 points



LCI-Symposium Infection Epidemiology 2013

January 31 – February 01

Historic Lecture Hall
Bernhard Nocht Institute for Tropical Medicine
Hamburg



Organizers:

Prof. Dr. Rolf Horstmann, BNI, Hamburg
Prof. Dr. Ulrich E. Schaible, FZB, Borstel
Prof. Dr. Thomas Dobner, HPI, Hamburg

THURSDAY, January 31

- 13:45 Opening by Prof. Dr. Rolf Horstmann (BNI, Hamburg)
- 14:00 – 16:00 Session 1: Surveillance**
Chair: Prof. Dr. Wolfram Brune (HPI, Hamburg)
- 14:00 – 14:45 **Lecture: Prof. Martin C.J. Maiden**, Oxford
„Surveillance of bacterial disease using genomic data, illustrated by *Campylobacter* and *Neisseria*”
- 14:45 – 15:10 Dr. med. Holger Rohde, Hamburg
„Lessons from the German EHEC 2011 outbreak: a microbiological view”
- 15:10 – 15:35 Dr. Ulrich Nübel, Wernigerode
„Utility of genome sequencing for MRSA surveillance”
- 15:35 – 16:00 Prof. Dr. med. Alexander Katalinic, Lübeck
„Surveillance of infections: lessons from the Cancer Registry”
- 16:00 – 16:25 *coffee*
- 16:25 – 18:00 Session 2: Transmission**
Chair: Prof. Dr. Egbert Tannich (BNI, Hamburg)
- 16:25 – 17:10 **Lecture: Prof. Dr. Christian Drosten**, Bonn
„Virus reservoirs: news from virus discovery studies in mammals”
- 17:10 – 17:35 PD Dr. med. Jonas Schmidt-Chanasit, Hamburg
„Emergence of mosquito-borne viruses in Germany”
- 17:35 – 18:00 Dr. Stefanie Müller, Hamburg
„Mosquitoes vector competence”

18:00 – 19:00 LCI Keynote Lecture

- Prof. Sir Roy M. Anderson FRS FMedSci**, London
„The expansion of control programmes for the neglected tropical disease: community based chemotherapy for helminth infections”
finger food and drinks

19:00

FRIDAY, February 01

- 09:00 – 10:35 Session 3: Genetic Epidemiology (1)**
Chair: PD Dr. Stefan Niemann (FZB, Borstel)
- 09:00 – 09:45 **Lecture: Prof. Mark Achtman**, Cork
„Historical reconstructions of the evolution of bacterial pathogens”
- 09:45 – 10:10 Dr. Mario Recker, Oxford
„Evolutionary aspects of antigenic variation in *Plasmodium falciparum*”
- 10:10 – 10:35 Dr. Kathrin Schuldt, Hamburg
„Genetic Basis of Severe Falciparum Malaria”
- 10:35 – 10:55 *coffee*
- 10:55 – 12:30 Session 3: Genetic Epidemiology (2)**
Chair: Prof. Dr. Rolf Horstmann (BNI, Hamburg)
- 10:55 – 11:40 **Lecture: PD Dr. Stefan Niemann**, Borstel
„Next generation molecular epidemiology of *M. tuberculosis*”
- 11:40 – 12:05 Matthias Merker, MSc, Borstel
„Phylogeny and Evolution of *Mycobacterium tuberculosis* Beijing strains - Selection for drug resistance?”
- 12:05 – 12:30 Dr. Thorsten Thye, Hamburg
„Genetic etiology of tuberculosis”
- 12:30 – 13:30 *lunch*

13:30 – 15:25 Session 4: Intervention

- Chair: Dr Gülsah Gabriel (HPI, Hamburg)
- 13:30 – 14:15 **Lecture: Amalio Telenti, MD PhD**, Lausanne
„Human and viral genome variation and susceptibility to infection”
- 14:15 – 14:40 Dr. Benno Kreuels, Hamburg
„Spatial heterogeneity of malaria transmission in intervention studies”
- 14:40 – 15:25 **Lecture: Laura Rodrigues, MD MSc PhD FFPHM**, London
„Worldwide BCG Efficacy”
- 15:25 – 15:45 *coffee*
- 15:45 – 17:40 Session 5: Co-Infection**
Chair: Dr. Bianca Schneider (FZB, Borstel)
- 15:45 – 16:30 **Lecture: Prof. Dr. med. Jürgen May**, Hamburg
„Malaria and co-infections: a relevant reality?”
- 16:30 – 16:55 Dr. med. Florian Marx, Berlin
„Recurrent smear-positive tuberculosis in a high-burden setting – need for action?”
- 16:55 – 17:40 **Lecture: Dr. Frank Cobelens**, Amsterdam
„TB & HIV: thoughts on a deadly duet”
- 17:40 Farewell address by Prof. Dr. Rolf Horstmann (BNI, Hamburg)
- 18:15 *speakers' dinner*