

## Leibniz Center Infection (LCI)

The Leibniz Center Infection (LCI) is an alliance against infectious diseases and links the complementary research 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

Local proximity, complementary expertise and technical competence promote the alliance's intensive scientific exchange and its development of joint research strategies. Across the spectrum of disciplines and pathogens, regular symposia, retreats and joined application-oriented projects are dedicated to basic and clinical infection research, thereby promoting exchange between the institutes and transfer of research results into clinical application.

For more information on LCI, please visit [www.lc-infection.de/](http://www.lc-infection.de/).

## REGISTRATION DEADLINE December 19, 2014

Register now as space will be limited.  
Please send your e-mail to:

[spaetzold@fz-borstel.de](mailto:spaetzold@fz-borstel.de)

The registration desk will open at  
11:30 a.m. on January 29, 2015  
and at  
08:30 a.m. on January 30, 2015

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

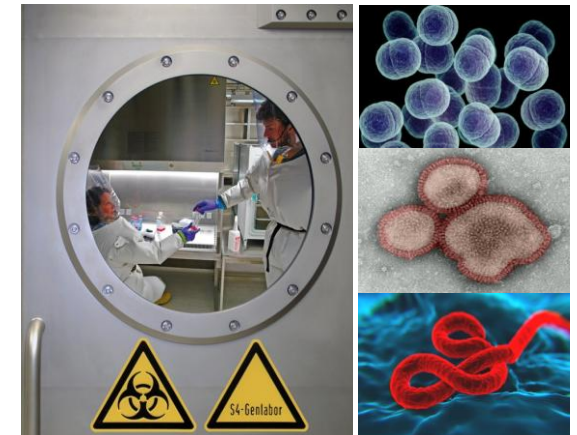
*Certified by the  
General Medical Council  
16 points*



## LCI-Symposium 2015 Emerging Infections

January 29 and 30

Historic Lecture Hall  
Bernhard Nocht Institute for Tropical Medicine  
Hamburg



Organizers:  
Prof. Rolf Horstmann (BNITM, Hamburg)  
Prof. Ulrich E. Schaible (FZB, Borstel)  
Prof. Thomas Dobner (HPI, Hamburg)

**THURSDAY, January 29**

12:30 Opening by Prof. Rolf Horstmann, Hamburg  
(acting speaker of LCI)

**12:35 – 15:00 Session 1: Recent outbreaks**

Chair: Prof. Rolf Horstman, Hamburg

12:35 **Lecture: Prof. Stephan Günther**, Hamburg  
Viral hemorrhagic fevers in West Africa

13:20 Dr. Jan F. Drexler, Rotterdam  
Vaccine-induced antibodies poorly neutralize a poliovirus causing a lethal outbreak in the Republic of Congo in 2010

13:45 Dr. Marcel A. Müller, Bonn  
MERS-Coronavirus: A virus with pandemic potential?

14:10 Dr. Alexander Mellmann, Münster  
EHEC O104:H4: Insights into virulence and pathogenicity

14:35 Prof. Adam Grundhoff, Hamburg  
Metagenomic and -transcriptomic approaches for outbreak investigation

15:00 *Coffee & Snacks*

**15:30 – 17:30 Session 2: Emerging topics**

Chair: Prof. Thomas Dobner, Hamburg

15:30 **Lecture: Nikos Vasilakis, PhD**, Galveston  
The fever from the forest - a Sisyphian ordeal

16:15 Jakko van Ingen, MD PhD, Nijmegen  
Management of NTM disease

16:40 Dr. Bärbel Stecher, Munich  
Influence of the intestinal microbiota on the outcome of infections

17:05 Dr. Alexander Loy, Vienna  
Understanding colonization resistance - new tools to analyze in vivo physiology and substrate competition of individual microbial cells in the intestinal tract

**17:40 LCI Keynote Lecture**

**Prof. Heinz Feldmann**, Rocky Mountain Laboratories, Hamilton  
Response to emerging viral infections - pathogenesis and countermeasures

18:40 *Meet the speakers – informal get-together with snacks, finger food and drinks*

**FRIDAY, January 30**

**09:00 – 12:20 Session 3: Emerging zoonoses**

Chair: Prof. Gülsah Gabriel, Hamburg

09:00 **Lecture: Prof. Thijs Kuiken**, Rotterdam  
Zoonotic influenza at the interface of wildlife, livestock and people

09:45 Dr. Stephanie Bertram, Hamburg  
Role of cytokine regulated nuclear import proteins in respiratory viral infections

10:10 Prof. Egbert Tannich, Hamburg  
Dirofilariasis – a new emerging vector-borne zoonosis in Central Europe

10:35 *Coffee*

11:10 **Lecture: Noël Tordo, PhD**, Paris  
Perspective for drugs against rabies

11:55 PD Dr. Rainer Ulrich, Greifswald  
Emerging zoonoses: Increased preparedness by networking

12:20 *Lunch*

**13:30 – 15:30 Session 4: Nosocomial infections**

Chair: Prof. Ulrich Schaible, Borstel

13:30 **Lecture: Prof. Brendan Wren**, London  
*Clostridium difficile* - A global evolutionary experiment in our hospitals

14:15 Dr. Barbara Bröker, Greifswald  
Human immune memory of *Staphylococcus aureus* - the high costs of control

14:40 Dr. Uwe Mamat, Borstel  
Virulence properties of *Stenotrophomonas maltophilia*

15:05 PD Dr. med. Jörg Steinmann, Essen  
*Stenotrophomonas maltophilia* in cystic fibrosis

15:30 *Coffee*

**16:00 – 17:35 Session 5: Emerging drug resistance**

Chair: PD Dr. Norbert Reiling, Borstel

16:00 **Lecture: Daniel F. Sahn, PhD**, Schaumburg  
Emerging and Changing Resistance Trends Among Key Bacterial Pathogens

16:45 PD Dr. Stefan Niemann, Borstel  
Selective forces shaping *Mycobacterium tuberculosis* evolution - the impact of antibiotic treatment

17:10 Prof. Christoph Lange, Borstel  
Emerging M/XDR-TB in Europe

17:35 Farewell address by Prof. Rolf Horstmann

18:00 *Speakers dinner*