

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

REGISTRATION DEADLINE

December 16, 2013

Register now as space will be limited.

Please send your e-mail to:

spaetzold@fz-borstel.de

The registration desk will open at
13:00 on January 30
and at
8:30 on January 31

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

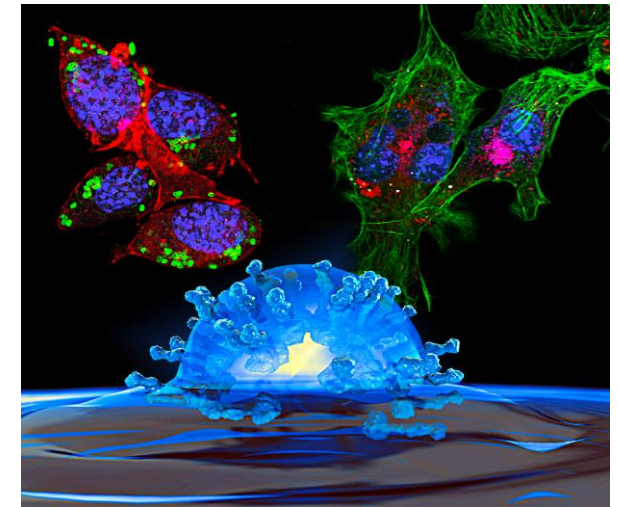
Certified by the
General Medical Council
14 points



LCI-Symposium Pathogenesis of Infection 2014

January 30 and 31

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 30

- 14:00 Opening by Prof. Rolf Horstmann (acting speaker LCI, BNITM, Hamburg)
- 14:05 – 16:00 Session 1: Immunopathology (part 1)**
Chair: Prof. Marcus Altfeld (HPI, Hamburg)
- 14:05 – 14:50 **Lecture: Dr. John Wherry**, Philadelphia
„Regulating T cell responses to persisting pathogens”
- 14:50 – 15:15 Dr. Christian Körner, Boston
„Role of KIR-expressing NK cells in the control of HIV-1 infection”
- 15:15 – 16:00 **Lecture: Prof. Dunja Bruder**, Magdeburg
„Immune regulation in the lung in the context of autoimmunity and infection – focus on alveolar type II epithelial cells”
- 16:00 – 16:20 *Coffee*
- 16:20 – 17:55 Session 1: Immunopathology (part 2)**
Chair: Prof. Bernhard Fleischer (BNITM, Hamburg)
- 16:20 – 17:05 **Lecture: Dr. Christoph Hölscher**, Borstel
„Mouse models resembling granuloma necrosis of human tuberculosis”
- 17:05 – 17:30 Dr. Jazmina González-Cruz, Hamburg
„Complexity of dendritic cell responses to Influenza virus”
- 17:30 – 17:55 PD Dr. Thomas Jacobs, Hamburg
„Coinhibitory molecules during malaria: Immune escape of parasites or emergency stop of the host?”

- 17:55 – 18:55 **LCI Keynote Lecture**
Prof. Maria G. Masucci
Karolinska Institutet, Stockholm
„Remodeling of the cellular environment in viral oncogenesis”
- 19:00 *Meet the speakers – informal get-together with finger food and drinks*

FRIDAY, January 31

- 09:00 – 11:00 Session 2: Microbial Pathogenicity**
Chair: Prof. Egbert Tannich (BNITM, Hamburg)
- 09:00 – 09:45 **Lecture: Dr. Sabine Ehrh**, New York
„Intracellular survival strategies of *Mycobacterium tuberculosis*”
- 09:45 – 10:10 Dr. Cesar Muñoz-Fontela, Hamburg
„Correlates of immune protection to Ebola virus”
- 10:10 – 10:35 PD Dr. Gülsah Gabriel, Hamburg
„Determinants of H5 and H7 avian Influenza virus pathogenicity in mammalian respiratory tract”
- 10:35 – 11:00 Prof. Iris Bruchhaus, Hamburg
„Identification and characterisation of molecules involved in the pathogenicity of *Entamoeba histolytica*”
- 11:00 – 11:30 *Coffee*
- 11:30 – 15:35 Session 3: Infection and Chronic Diseases**
Chair: Prof. Ulrich Schaible (FZB, Borstel)
- 11:30 – 12:15 **Lecture: Prof. Tracy Hussell**, Manchester
„Airway macrophages: reinventing macrophage polarisation”

- 12:15 – 12:40 Prof. Guntram Graßl, Borstel
„Intestinal expression of glycosyltransferases increases susceptibility to *Salmonella typhimurium* induced inflammation”
- 12:40 – 14:00 *Lunch*
- 14:00 – 14:45 **Lecture: Prof. Ansgar Lohse**, Hamburg
„Chronic hepatitis: why is the liver the preferred site of chronic infection?”
- 14:45 – 15:10 Dr. Eva Herker, Hamburg
„Lipids go viral: role of lipid droplets in Hepatitis C virus infection”
- 15:10 – 15:35 Prof. Stefan Taube, Lübeck
„A new mouse model to study human Norovirus pathogenesis”
- 15:35 – 16:00 *Coffee*
- 16:00 – 17:35 Session 4: Infection and Cancer**
Chair: Prof. Thomas Dobner (HPI, Hamburg)
- 16:00 – 16:45 **Lecture: Prof. Anne Müller**, Zürich
„Pathogenic and immunomodulatory properties of *Helicobacter pylori* govern disease outcome in gastrointestinal and allergic disease models”
- 16:45 – 17:10 Dr. Sabrina Schreiner, Hamburg
„PML nuclear bodies – implications for Adenovirus-mediated oncogenic transformation”
- 17:10 – 17:35 PD Dr. Nicole Fischer, Hamburg
„The oncogenic potential of the newly discovered human virus, the Merkel Cell Polyomavirus”
- 17:35 Farewell address by Prof. Rolf Horstmann (BNITM, Hamburg)
- 18:00 *Speakers’ dinner*