

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



Leibniz Institute for Experimental Virology (HPI), 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 14, 2022

Register online:

www.lc-infection.de/lci-symposium-2022.html

Registration is free of charge.

Certified by the
General Medical Council
16 points



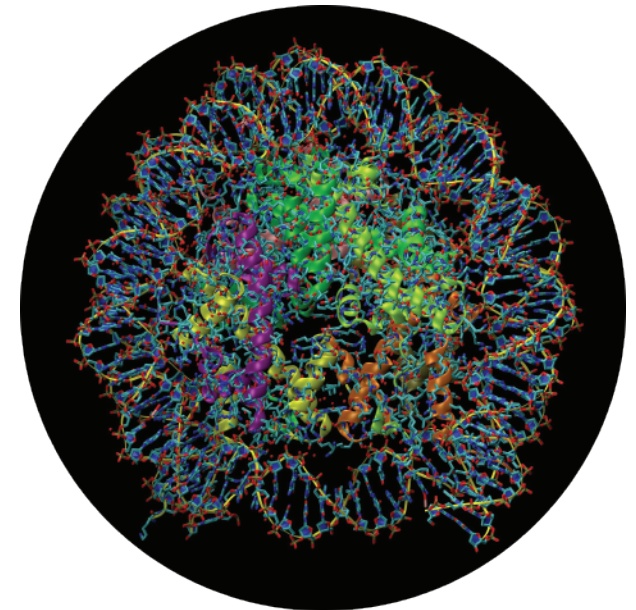
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Human nucleosome with histone bound to DNA, AdobeStock
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LCI Symposium 2022

**Epigenetics & Memory in
Infection & Immunity**

January 27-28



Online event:

As a registered participant, you will receive the event links shortly before the start of the symposium.

THURSDAY, January 27

- 9:50 Opening by Thomas Dobner (acting speaker of LCI), Hamburg, Germany
- Session 1: Epigenetics in Inflammation**
Chair: Adam Grundhoff (HPI)
- 10:00 **Keynote Lecture**
Mihai Netea, Nijmegen, The Netherlands
The trained immune system
- 11:00 **Break**
- 11:15 Julia Polansky, Berlin, Germany
Epigenetic control of T cell differentiation: From genome-wide signatures to local regulators and their targeted manipulation
- 11:45 Susanne Krauss-Etschmann, Borstel, Germany
Why fathers matter
- 12:15 **Lunch Break**
- 13:15 Eva Kaufmann, Montreal, Canada
BCG vaccination and trained immunity
- 13:45 Marcus Claesson, Cork, Ireland
Microbiota and epigenomics in inflammatory bowel disease
- 14:15 Robert Schneider, Munich, Germany
Functional epigenetics of diabetes
- 14:45 **Break**

Session 2: Epigenetic Control of Viral Latency and Infection

- Chair: Nicole Fischer (UKE)
- 15:00 **Keynote Lecture**
Carine van Lint, Brussels, Belgium
Epigenetic crosstalk in HIV-1 latency
- 16:00 Adam Grundhoff, Hamburg, Germany
Epigenetics of Kaposi sarcoma-associated herpesvirus
- 16:30 César Muñoz-Fontela, Hamburg, Germany
Filovirus paleoviral sequences and immune tolerance
- 17:00 Jo Parish, Birmingham, UK
Epigenetic control in the pathogenesis of HPV-associated cancers
- 17:30 Massimo Levrero, Lyon, France
Epigenetic modulation in chronic hepatitis B virus (HBV ccc DNA regulation)
- 18:00 **Meet the Speakers**

- 10:30 **Break**
- 10:45 Mohamed-Ali Hakimi, Grenoble, France
Beyond the vacuole border: Toxoplasma effectors rewire the host (epi)genetic program
- 11:15 Michael Filarsky, Hamburg, Germany
Role of lncRNAs in Plasmodia development/life cycle
- 11:45 **Lunch Break**
- Session 4: Epigenetic Modulation in Bacterial Infection**
Chair: Susanne Krauss-Etschmann (FZB)
- Keynote Lecture**
Melanie Hamon, Paris, France
Eukaryotic histone-modifying mechanisms through bacterial infection
- 12:45
- 13:45 Martin Aepfelbacher, Hamburg, Germany
Epigenetic reprogramming of human macrophages by Yersinia

Friday, January 28

Session 3: Parasites and Epigenetics

- Chair: Tim Gilberger (BNITM)
- 9:00 **Keynote Lecture**
Jonathan Weitzman, Paris, France
Epigenetic regulation of host and parasite gene expression during Theileria-host interactions
- 10:00 Vanessa Luzak, Munich, Germany
Linking local chromatin structures, genome architecture and antigenic variation in African Trypanosomes

- 14:15 **Break**
- 14:30 Sabrina Jabs, Kiel, Germany
Epitranscriptome regulation in bacterial infection
- 15:00 Carsten Carlberg, Kuopio, Finland
Vitamin D mediated epigenetic changes in immunity
- 15:30 Sebastian Suerbaum, Munich, Germany
N.N.
- 16:00 Farewell address by Thomas Dobner