

Leibniz Center Infection Symposium 2024
Long-term Consequences of Infections
 at the
Bernhard Nocht Institute for Tropical Medicine, Hamburg
February 1st – 2nd, 2024

THURSDAY, 1 February

10.00 Arrival & registration

10.50 Opening by Ulrich Schaible (acting speaker of LCI, RCB, Borstel)

Session 1: Post-infection effects on the immune system

11.00 **LCI Keynote Lecture**

Chair: Stephanie Stanelle-Bertram (LIV, Hamburg)

Tobias Welte, MHH, Hannover

Viral infection as a driver of deterioration of chronic cardiovascular and respiratory disease - the role of vaccination as the main preventive measure

12.00 **Lunch & Coffee**

13.00 Nicholas Schwab, University Münster, Münster

The adaptive immune response against Epstein-Barr virus and its association with Multiple Sclerosis

13.30 Carmen Scheibenbogen, Charité, Berlin

Post Covid Syndrom: Spectrum, mechanisms and targeted therapy

14.00 Gülşah Gabriel, LIV, Hamburg

Respiratory virus infections and potential drivers of long-term consequences

Session 2: Socio-economic consequences of infection

14.30 **Special guest**

Chair: Jan Priebe (BNITM, Hamburg)

Zolelwa Sifumba, activist of TB Proof, Cape Town

TB & me

15.00 **Coffee & group picture**

15.30	LCI Keynote Lecture Tom Wingfield , Liverpool School of Tropical Medicine, Liverpool <i>Addressing social determinants and consequences across the spectrum of tuberculosis from prevention to care and beyond</i>
16.30	César Muñoz-Fontela, BNITM, Hamburg <i>Infodemics: The importance of communication during epidemics</i>
17.00	Sung-Joon Park, BNITM, Hamburg <i>Control, care and collaboration in Ebola epidemics</i>
17.30	Cocktail Reception - Meet the Speakers
19.00	Speakers Dinner

FRIDAY, 2 February

Session 3: Disease exacerbation & pathological consequences of infection

9.30	LCI Keynote Lecture Chair: Lars Lunding (RCB, Borstel) Cecilie Svanes , University of Bergen, Bergen <i>The preconception origins of respiratory health and disease. What about infections?</i>
10.30	Michael Wegmann, RCB, Borstel <i>Mistraining - how recurrent viral infections impact asthma pathogenesis</i>
11.00	Coffee
11.30	LCI Keynote Lecture Susanne Nylen , Karolinska Institute, Stockholm <i>Effects of intestinal nematodes on distal immune responses to co-infection</i>
12.30	Lunch & Coffee
13.30	Bernd Löwe, UKE, Hamburg <i>Biopsychosocial risk factors and mechanisms for symptom persistence in Long-COVID. Relevance and modification</i>
14.00	Wiebke Hartmann, BNITM, Hamburg <i>Impact of helminth infections on vaccine responses</i>

14.30	Coffee
15.00	Andrea Rachow, LMU, Munich <i>Post-Tuberculosis Lung Disease</i>
15.30	Samuel Wassmer, LSHTM, London <i>Malaria infection and long-term effects on the brain</i>
16.00	Farewell Address by Ulrich Schaible (RCB, Borstel)

Leibniz Center Infection:

The Leibniz Center Infection (LCI) is a consortium of three institutes of the Leibniz Association engaged in infection research: the Bernhard Nocht Institute for Tropical Medicine (BNITM), the Research Center Borstel, Leibniz Lung Center (RCB), and the Leibniz Institute of Virology (LIV).

The aim of LCI is to conduct research on highly relevant human pathogens and to provide a platform for cooperative projects, leading up to innovative scientific approaches in infection research.

Further information can be found here: www.lc-infection.com