

# Pandemic Preparedness Symposium 2025

Breaking Barriers in Virology and Immunity by Learning from Emerging Viruses

📅 18 June, 2025

🕒 09:30 - 17:30

📍 Ian K. Karan  
Lecture Hall,  
UKE Hamburg

More Info: <https://www.crc1648.de/>

## Agenda

- 09:30 • Check-in
- 10:00 • Opening
- Blanche Schwappach** | UKE, Hamburg  
**Marylyn Addo** | UKE, Hamburg
- 10:15 • Session I
-  **Erica Ollmann** | La Jolla, CA  
*"New advances against an old virus (Measles)"*
- Jan Hellert** | CSSB, Hamburg  
*"Solving an icosahedral 3D jigsaw puzzle"*
- Thomas Hoenen** | FLI, Greifswald  
*"Characterization of Ebola virus inclusion bodies"*
- Maura Dandri** | UKE, Hamburg  
*"Hepatitis E virus: emerging issues and assessment of treatments in humanized mice"*
- 11:30 • Coffee Break
- 12:00 • Session II
-  **Asisa Volz** | TiHo, Hannover  
*"Strong and early Immune activation reduces Mpox severity: Insights into Poxvirus Pathogenesis"*
- Susanne Krasemann** | UKE, Hamburg  
*"Impact of MPXV infection on pregnancy outcome"*
- Lisa Oestereich** | BNITM, Hamburg  
*"Lassa Fever in Nigeria: Investigation of pathophysiology and immune responses in humans"*
-  **Florian Krammer** | MedUni Wien  
*"Development of vaccines against antigenically variable viruses"*

13:30 • Group picture & Lunch

14:30 • Session III

**Nicole Fischer** | UKE, Hamburg  
*"The Road Ahead: Metagenomics in Infectious Disease Diagnostics"*



**Lars Kaderali** | University Greifswald  
*"Mathematical Modelling of Infection and Immune Response"*



**Gaya Amarasinghe** | WashU Medicine  
St. Louis, MO

*"Enter, hide, detect: Molecular mechanisms at the host-viral interface"*



**Oliver Morgan** | WHO, Berlin  
*"Practical applications of AI for Global Public Health Intelligence"*

16:15 • Closing remarks

**Maya Topf** | UKE, Hamburg

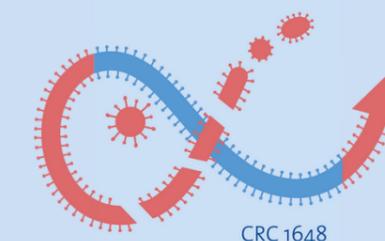
16:30 • Poster Session & networking

18:00 •

Hosted by:

**Collaborative Research Center 1648**

**"Emerging Viruses: Pathogenesis, Structure and Immunity"**



CRC 1648

