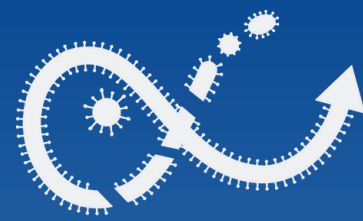



Pandemic Preparedness Symposium 2025



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

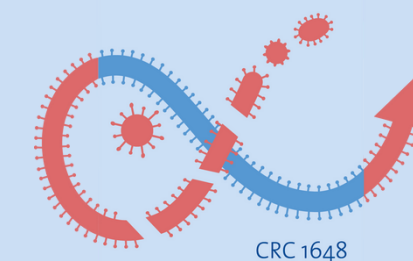
16:30 • Poster Session & networking

18:00 •

Hosted by:

Collaborative Research Center 1648

"Emerging Viruses: Pathogenesis, Structure and Immunity"



CRC 1648

