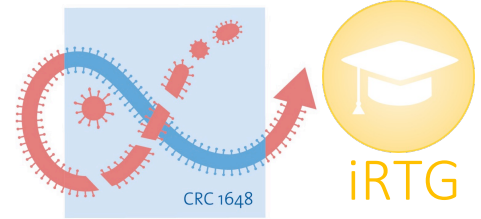


As part of the graduate school of the Collaborative Research Centre (CRC) 1648 “Emerging Viruses: Pathogenesis, Structure, Immunity” we offer:

Up to 8 Scholarships for Experimental MD thesis in infection research

Academy for emerging and re-emerging viruses



Emerging viral infections are one of the greatest threats to global health.

Our CRC 1648 aims to deeply understand virus-host interactions, structure, pathophysiology, and immunity to specific emerging viral infections. As an MD student, you will work on your own thesis-lab-project for about 12 months while enrolled in the integrated Research Training Group (iRTG) “Academy for emerging and re-emerging viruses”, showcased below:

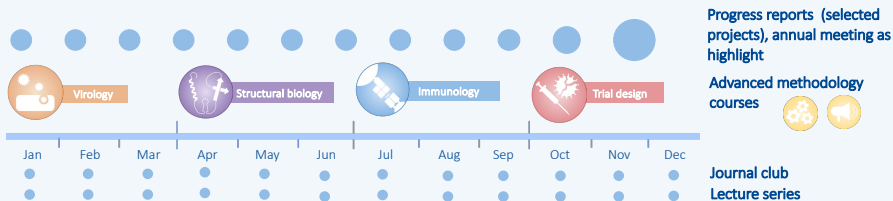
Unique Features

- Unique clinical cohorts and bio-specimen collections
- Cutting-edge infection models
- Innovative technologies
- Hands-on experience in biosafety labs (BSL-3/4)
- Curriculum focused on Pandemic preparedness

Supportive Environment

- Expertise of PIs and associated research centers
- Graduate Schools on Campus with focus on Infection and Inflammation
- Support by the University of Hamburg
- International collaborations

Example of one graduate school year:



CRC 1648 unites:

- Interdisciplinary group with broad expertise
- Cutting-edge technologies
- Relevant emerging viruses
- Clinical cohorts and biological specimen
- Interconnection with key international stakeholders



Glovebox training for working with BSL-4 pathogens using a mobile lab environment for fieldwork mimicking an outbreak situation at the BNITM (top). Barrier nursing course for students in the High Consequence Infectious Diseases (HCID) unit at the UKE (bottom).

We are looking forward to applications from individuals with:

- A high motivation and a strong interest in the combination of structural biology, immunology and virology
- Conscientiousness, a structured working approach and a strong work ethic
- Commitment, team spirit and good communication skills, independence and flexibility
- Very good spoken and written English
- Laboratory experience would be desirable

Start: October 15th 2024 if you apply by September 15th 2024, or April 1st 2025 if you apply by March 1st 2025.

The work requires two semesters off/one research year. A scholarship will be paid for this period.

We look forward to receiving your application with CV and short letter of motivation to crc1648@uke.de.

More details about CRC 1648 are available here:

www.uke.de/crc1648

