

The DFG Collaborative Research Centre (CRC) 1648 “*Emerging Viruses: Pathogenesis, Structure, Immunity*” cordially invites interested persons to express their interest in a

## PhD position

with a salary of 65% grade 13 (TV-L E13) and a duration of three and a half years with social security and health benefits.

Emerging viral infections are one of the greatest threats to global health. They are defined as viral diseases that have emerged in a population for the first time, or that have existed locally but are rapidly spreading to new geographic areas and populations. The newly established CRC 1648 aims to achieve a deep understanding of virus-host interactions, structure, pathophysiology and immunity to specific emerging viral infections. This will allow for the strategic development of broadly applicable and generalizable preventive or therapeutic strategies targeting both the virus and the host, using the joint international expertise of the consortium members coupled with the availability of critical, cutting-edge methods and infrastructures.

CRC 1648 brings together a multidisciplinary team of basic research investigators and clinician scientists from leading research institutions in northern Germany: University Medical Center Hamburg-Eppendorf (UKE), Universität Hamburg, Leibniz Institute of Virology (LIV), Bernhard Nocht Institute for Tropical Medicine (BNITM), Friedrich-Loeffler-Institut (FLI), Centre for Structural Systems Biology (CSSB) and the Universitätsspital Basel, Switzerland.

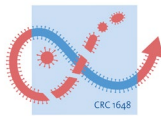
All students will be enrolled in the integrated Research Training Group (iRTG). The aim of the iRTG is to train future leaders for the global fight against potential pandemics. This goal is achieved through an innovative and comprehensive multidisciplinary graduate program. Leading scientists in molecular and structural virology, epidemiology and computational modeling, bioinformatics and machine learning, viral immunology, vaccine research, investigation of virus-mediated pathomechanisms, statistics, and epidemic preparedness, will train the iRTG students.

More details about individual positions are available here: [www.uke.de/crc1648](http://www.uke.de/crc1648)



We are looking forward to individuals with:

- An excellent master’s degree or equivalent in biology, physics, biochemistry, chemistry, molecular life sciences, infection biology or a related subject
- 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



We provide a diverse and equal opportunity work environment regardless of age, gender, sexual identity, disability, race or religion. Our institutions have signed and commit to the Charta of Diversity. We explicitly aim to increase the proportion of women in management positions, especially among academic staff in research and teaching. Women with equal qualifications will be given preference. The same applies in the case of under-representation of one gender in the area of employment. Persons with severe disabilities with equal aptitude, competence and professional performance will be given priority.

**Does that sound interesting?** Then get in touch with us.

Send an email to [crc1648@uke.de](mailto:crc1648@uke.de) including (as a **single** PDF file):

- Letter of motivation indicating your area of interest and/or preferred project
- CV including two references
- Certificates (University entrance, qualification, BSc, and MSc)
- Abstract of Master thesis (1 page) including a summary of experimental skills
- List of publications (if applicable)

We look forward to receiving your email until **July 31<sup>st</sup>, 2024**.

Interested candidates are welcome to express interest in several projects/institutes within CRC 1648. Furthermore, we would like to distribute applications within the CRC 1648 consortium. If this is not desired, please indicate this in your mail.



**Universität Hamburg**  
DER FORSCHUNG | DER LEHRE | DER BILDUNG