

UHH Fast Track Program

PhD positions in Infection Biology for fast-track students of the UHH

Temporary | Place of work: Hamburg

Hamburg Research Training Group "Humans and Microbes" (RTG 2771, funded by the DFG)

Pay grade 65% 13 TVöD/VKA

As part of the **fast-track program of the University of Hamburg (UHH)**, doctoral positions in the following research projects are to be filled **from November 2025** or later (7 positions are located at the UKE)

- (1) Control of Yersinia translocon activity and immune recognition
- (2) Interplay between Yersinia enterocolitica and the autophagosomal/lysosomal system in epithelial host cells and organoids
- (3) Characterization of Fic enzyme targets from Legionella
- (4) Proteome-based analysis of Borrelia phagosome compaction
- (5) Deciphering the transport processes leading to secondary envelopment of herpesviruses
- (6) The role of importin- $\alpha 7$ in the assembly of the influenza A virus ribonucleoprotein complex and nuclear transport
- (7) Investigation of the life cycle of the BK virus and the antiviral mechanisms of BKV-specific inhibitors in human primary cells and kidney organoids
- (8) Key determinants of vesicular trafficking in the human malaria parasite Plasmodium falciparum
- (9) Spatio-temporal dynamics of the SARS-CoV-2 nucleocapsid interactome

In the fast-track program of the UHH, the usual phase of an independent Master's program is omitted and integrated into the doctoral phase. The second Master's year already takes place in the laboratory and is used to write the Master's thesis and prepare for the doctoral thesis.

Further information on the fast-track program and the research training group "Humans and Microbes" can be found here: <https://www.hra-hamburg.de/promovierende/fast-track.html> and <http://qrk2771.de/>

We are looking forward to

- Outstanding Bachelor's graduates or first-year Master's students (Molecular Life Science, Biology, Chemistry, Physics) applying to the UHH Fast Track Program for November 2024
-> Further requirements can be found in call for applications of the MIN faculty <https://www.hra-hamburg.de/promovierende/fast-track/fast-track-uhh-ausschreibung.html>
- High motivation
- Strong interest in topics and techniques of cellular and molecular infection biology
- Conscientious and structured work
- Commitment, teamwork and communication skills, independence and flexibility
- Very good English language skills

What we offer

- Training in the latest methods and concepts of molecular infection biology
- Structured curriculum
- Payment according to TVöD/VKA
- 30 days vacation
- Sustainable travel: subsidies for the HVV-ProfiTicket and Dr. Bike bicycle service

- Crisis-proof workplace, meaningful work, respectful cooperation and open exchange of knowledge within the team; structured induction training
- Family-friendly working environment: childcare cooperation, free vacation childcare, advice for employees with relatives in need of care
- Excellent health, prevention and sports programs

Contact: Dr. Katja Giersch (kgiersch@uke.de)

We need for your application:

- Letter of motivation naming three of the nine "Humans and Microbes" projects in which you are particularly interested
- CV with 2 references
- Certificates (BSc)
- Summary of experimental skills
- List of publications (if applicable)

We offer a working environment that provides equal opportunities regardless of age, gender, sexual identity, disability, origin or religion. We confirm this by joining the Diversity Charter. We expressly aim to increase the proportion of women in management positions, particularly among academic staff in research and teaching. Women are given priority if they have equivalent qualifications. The same applies in the event of an underrepresentation of one gender in the advertised area. Persons with severe disabilities will be given priority if they have the same aptitude, qualifications and professional performance.

We look forward to your application by e-mail to kgiersch@uke.de by **June 30, 2024**. You must also apply for the UHH Fast Track Program by **August 31, 2024**. If you are not accepted into the Fast Track Program, the Steering Committee of the RTG will decide whether you can still take up the doctoral position.