

PhD student positions in Infection Biology

Several PhD positions are available in the **Research Training Group “Humans and Microbes”** (RTG 2771, funded by DFG) for 3 to 4 years (3 years plus option for up to one year extension) with a salary of 65% grade 13 TVöD/VKA (internal); externally linked to the collective wage agreement.

Positions in following research projects, which are based in Hamburg (Germany), are available:

- (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) [Characterisation of Fic-enzyme targets from *Legionella*](#)
- (4) [Proteome-based analysis of *Borrelia* phagosome compaction](#)
- (5) [Dissecting the trafficking events leading to herpesvirus secondary envelopment](#)
- (6) [Role of importin- \$\alpha\$ 7 in influenza A virus ribonucleoprotein complex assembly and nuclear trafficking](#)
- (7) [Investigation of the BK-Virus life cycle and antiviral mechanisms of BKV specific inhibitors in human primary cells and kidney organoids](#)
- (8) [Key determinants in vesicular trafficking in the human malaria parasite *Plasmodium falciparum*](#)
- (9) [Spatiotemporal dynamics of the SARS-CoV-2 nucleocapsid interactome](#)

More information about the Research Training Group “Humans and Microbes” can be found at: <http://grk2771.de/>

We are looking forward to:

- excellent scientific degree (Master’s degree or equivalent in biology, biochemistry, microbiology or a related subject)
- highly motivated
- strong interest in the broad range of topics and techniques in cellular and molecular infection biology
- Conscientious and structured work
- Commitment, team and communication skills, independence and flexibility
- Competent language abilities in English

Your contact to the department: Dr. Dorthe Labonté (d.labonte@uke.de), Dr. Katja Giersch (kgiersch@uke.de) or to Prof. Martin Aepfelbacher (m.aepfelbacher@uke.de).

We offer a work environment providing equal opportunities regardless of age, gender, sexual identity, disability, origin or religion. This is confirmed by our accession to the Charter of Diversity. We explicitly aim to increase the proportion of women in management positions, especially among scientific personnel in research and teaching. Women with equal qualifications will be given priority. The same applies in the case of under-representation of one gender in the advertised area. Persons with severe disability with equal aptitude, competence and professional performance will be given priority.

Applications are to be submitted as email attachment (one PDF file) to kgiersch@uke.de and need to contain:

- Letter of motivation that also states three out of the nine *Humans and Microbes* projects you are most interested in
- CV including 2 references

- Certificates (University entrance, qualification, BSc, and MSc)
- Abstract of Master thesis (1 page) with summary of experimental skills
- List of publications (if applicable)

We look forward to receiving your completed application **by August 27, 2022**. Short-listed candidates will be invited to a selection symposium scheduled on **August 30/31, 2022**. The PhD program starts in November 2022.