

## Open Ph.D. Student Position

The Research Training Group (RTG 2157), started in April 2016, integrates the long-standing expertise in infectious diseases at the University of Würzburg and new technologies into an exciting new focus on 3D human tissue models. Within this program, scientists from the Biocenter of the University of Würzburg, the Research Center for Infectious Diseases, and the Chair of Tissue Engineering and Regenerative Medicine of the University Hospital and Fraunhofer ISC, take a novel route to investigate microbial infections under close-to-natural conditions.

In our individual research project "Characterization of host cell responses after *B. pertussis* infection using 2D and 3D in vitro airway test systems" we focus on the interaction of *B. pertussis* adenylate cyclase toxin with three-dimensional tissue models of the human airway mucosa.

We invite young scientists of exceptional talent to apply for a fully funded Ph.D. student position of the Research Training Group "3D Tissue Models for Studying Microbial Infections by Human Pathogens" (RTG 2157) starting from June 1st, 2019. Payment is based on the German TV-L scale.

The training group offers an excellent infrastructure for training and research by internationally recognized scientists with state-of-the-art technologies. The program is complemented by seminars, courses, hands-on workshops, writing and presentation training as well as practical career development opportunities.

We offer

- Widely visible international research environment
- Interdisciplinary and structured Ph.D. program in English
- Intensive support for international students

We are seeking a highly qualified student holding a M.Sc. or equivalent degree with a background in

Cell / Molecular Biology, Biochemistry, Genetics, Microbiology or a related field.

Applicants should be fluent in oral and written English and should have completed their degree by May 2019.

The University of Würzburg is an equal opportunities employer. Applications of women are thus especially encouraged; applications of disabled persons will be given preferential treatment to those of other candidates with equal qualifications.

The application deadline is April 30th, 2019. To apply please send your CV and a one page motivation letter (English or German) to [maria.steinke@uni-wuerzburg.de](mailto:maria.steinke@uni-wuerzburg.de)