The International Max Planck Research School for Infectious Diseases and Immunology (IMPRS-IDI) is recruiting up to 7 PhD students at the Max Planck Institute for Infection Biology and the Charité University in Berlin. For more information, please go to https://www.mpiib-berlin.mpg.de/graduate_program/general_information

Activities and responsibilities

The following PhD projects are available and will start between December 2020 and throughout the year 2021:
- In vivo imaging and manipulation of the tuberculous granuloma (Cronan lab)
- Deciphering mechanisms of polymicrobial synergy using Drosophila melanogaster as a model (Iatsenko lab)
- Deep evolutionary history of microbial pathogens using ancient DNA (Key lab)
- Within person evolution of infectious pathogens during disease (Key lab)
- The role of endosome positioning in Toll-like receptor signaling (Majer lab)
- The molecular mechanisms driving adaptive properties of innate lymphocytes (NK cells) (Romagnani lab)
- Mechanisms of Neutrophil Extracellular Trap formation (Zychlinsky lab)

Qualification profile

We are looking for:
- creative, highly motivated and talented candidates of all nationalities who are truly committed to research
- candidates with a strong background in biophysics, biochemistry, molecular and cell biology, infection biology, immunology, microbiology, genetics, evolutionary biology, bioinformatics, computer science – please see the project descriptions on our website for particular skill requirements
- applicants must have an excellent M.Sc. or equivalent degree

We offer

- outstanding research and training opportunities with access to state-of-the-art facilities
- an excellent scientific network our faculty members are internationally recognized scientists affiliated with renowned research institutes and universities in Berlin and around the world
- a prestigious graduate school program with flexible curriculum structure and training courses and lectures on scientific topics as well as technical and complementary skills
- a stimulating international and multidisciplinary research environment on a thriving campus in the heart of Berlin

Send application to

Interested in joining us?

To apply, please submit your application via our online application platform: https://s-lotus.gwdg.de/mpg/mibib/zibi_gw_2020.nsf/registration until May 24th 2020.

For more information on the projects and application process, please go to: https://www.mpiib-berlin.mpg.de/1946825/research-projects

Contact: stressmann@mpiib-berlin.mpg.de