

### Graduate School *Infection* of the Leibniz Center Infection 2021

The Leibniz Center Infection (LCI) is a strategic alliance of the North German Leibniz Institutes Bernhard Nocht Institute for Tropical Medicine (BNITM), Research Center Borstel – Leibniz Lung Center (FZB) and Heinrich Pette Institute, Leibniz Institute for Experimental Virology (HPI). The LCI focuses on global infections and links the complementary research of the three Leibniz institutes: tropical and emerging infections at BNITM, bacterial infections of the lung at FZB and viral diseases at HPI (<https://www.lci-infection.de/en/>).

The alliance provides a three year structured graduate program on *Infection* as an interdisciplinary teaching and training program. **We invite applications for 3 doctoral positions.** Graduates will work on cooperative projects from two LCI institutes in joint supervision. It is mandatory for each graduate to conduct at least 3 months of the research at the cooperating institute.

The **Bernhard Nocht Institute for Tropical Medicine** is Germany's largest institution for research, medical services and training in the field of tropical diseases and emerging infections ([www.bnitm.de](http://www.bnitm.de)). The BNITM offers one doctoral position in collaboration with Prof. Dr. Holger Heine (FZB):

*“Characterization of the immunomodulatory and inflammatory effects of extracellular vesicles secreted by human brain endothelial cells during Plasmodium falciparum infection using next generation sequencing and CRISPR-Cas9 technologies”*

Main supervisor: Dr. Nahla Galal Metwally

Starting date: January 2022

Deadline for application: July 31, 2021

For detailed information please visit <https://jobs.bnitm.de/stellenangebote>. If you have project related questions, please contact [metwally@bnitm.de](mailto:metwally@bnitm.de).

For any questions about the selection procedure, please contact Katja Büniger ([buenger@bnitm.de](mailto:buenger@bnitm.de)).

The **Research Center Borstel** has its focus on biomedical research in pneumology, concentrating on infectious diseases of the lung – mainly tuberculosis ([www.fz-borstel.de](http://www.fz-borstel.de)). The FZB offers one doctoral position in collaboration with Dr. Julie Sellau (BNITM):

*“Hormonal effects on Mycobacterium tuberculosis-infected human macrophages”*

Main supervisor: Dr. Bianca Schneider

Starting date: Summer 2021 or later

Deadline for application: June 15, 2021

For detailed information and online application please visit <https://fz-borstel.de/index.php/de/sitemap/ausbildung-jobs-karriere/jobs-2#innercontent>

If you have project related questions, please contact [bschneider@fz-borstel.de](mailto:bschneider@fz-borstel.de).

The **Heinrich Pette Institute, Leibniz Institute for Experimental Virology** focuses on human pathogenic viruses with the aim of understanding viral diseases and developing novel therapeutic approaches ([www.hpi-hamburg.de](http://www.hpi-hamburg.de)). The HPI offers one doctoral position in collaboration with Prof. Dr. Jonas Schmidt-Chanasit (BNITM):

*“Global profiling of arbovirus susceptibility factors in mosquitoes”*

Main Supervisor: Dr. Pietro Scaturro

Starting date: Summer 2021 or later

Deadline for application: June 15, 2021

For detailed information please visit <https://www.hpi-hamburg.de/de/aktuelles/stellenangebote/>. If you have project related questions, please contact [pietro.scaturro@leibniz-hpi.de](mailto:pietro.scaturro@leibniz-hpi.de).

Please send applications to [personalabteilung@leibniz-hpi.de](mailto:personalabteilung@leibniz-hpi.de).

We are looking for highly motivated candidates with very good command of the English language. Candidates should hold a master's degree (or equivalent) in Natural or Life Sciences.

Salary will be according to German TVöD / TV-AVH (salary agreement for public service employees). Applications from handicapped persons will be favored when all other qualifications are equal. The LCI institutes promote the professional equality between all genders.

The application should include a letter of motivation, CV, two letters of recommendation and a summary of the master/diploma thesis. Please send documents by email as single pdf-file (not exceeding 5 MB).