

Graduate School “Infection” of the Leibniz Center Infection (LCI)

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 (www.lc-infection.com).

The alliance provides a three-year structured graduate program on “Infection”. This interdisciplinary program offers ambitious training and research opportunities in the fields of parasitology, immunology, bacteriology, virology, infection biology, and molecular-, cellular- and structural biology as well as pathobiology of infectious disease.

We invite applications for a doctoral position

The graduate will work on a cooperative project 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 **Heinrich Pette Institute** focuses on human pathogenic viruses with the aim of understanding viral diseases and developing novel therapeutic approaches (www.hpi-hamburg.de). The HPI offers one doctoral position in cooperation with the BNITM:

Project – “Structural characterization of the replication complex of highly pathogenic negative strand RNA viruses”; Main Supervisor: Dr. Charlotte Uetrecht.

The project aims at characterizing structure and dynamics of complexes involved in replication and transcription of negative strand RNA viruses. Besides classical biochemical techniques, native and other structural mass spectrometry approaches will be employed to deduce the quaternary structure and dynamic association of components. This will be complemented by mutagenesis and functional assays. We seek PhD candidates ideally with expertise in mass spectrometry for structural characterization of proteins and/or structural virology in general.

If you have project related questions, please contact charlotte.uetrecht@leibniz-hpi.de.

Please send applications to 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.

Starting date will be November 2018 or later. Salary will be according to German TVöD (salary agreement for public service employees). Applications from handicapped persons will be favored when all other qualifications are equal. The LCI institutes are equal opportunity employers.

The application should include a letter of motivation, CV, two letters of recommendation and a summary of the master/diploma thesis. Documents should be sent **by September 30st, 2018** exclusively by email as single pdf-file (not exceeding 5 MB). Please note that only shortlisted candidates will be informed.