

Graduate School “Infection” of the Leibniz Center Infection

Project title: “Impact of viral infections during pregnancy on maternal and fetal health”

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”.

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 collaboration with Prof. Dr. Hannelore Lotter (BNITM):

“Impact of viral infections during pregnancy on maternal and fetal health”; Main Supervisor: Prof. Dr. Gülsah Gabriel (HPI Research Department “Viral Zoonoses – One Health”).

Description of the project:

Pandemics (e.g. SARS-CoV-2, 2009 H1N1 influenza A virus) repeatedly highlight that pregnant women and their offspring are at high risk for adverse disease outcomes. The PhD candidate will work on a small animal pregnancy model to study the impact of maternal virus infections on maternal and fetal health. Previous experience in virology is expected and previous experience with animal models would be an asset.

Starting date will be 1st March 2021. Salary will be according to German TV-AVH (salary agreement for public service employees). 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 **15th February 2021** the latest exclusively by email as single pdf-file (not exceeding 5 MB). Please note that only shortlisted candidates will be informed.

For project related questions, please contact: guelsah.gabriel@leibniz-hpi.de
Please send applications to: personalabteilung@leibniz-hpi.de.