

PhD Student Position Viral Zoonoses – One Health

The **Leibniz Institute of Virology** (LIV, formerly HPI) in Hamburg, Germany is committed to research on the biology of different human viruses as well as the pathogenesis of viral diseases (<https://www.leibniz-liv.de/en/>). The LIV offers the opportunity to perform cutting-edge research in a world-class research environment with excellent technical facilities.

The aim of the Research Department **Viral Zoonoses - One Health**, headed by Prof. Dr. Gülsah Gabriel, is to understand the pathophysiology of respiratory virus infections (e.g. influenza, SARS-CoV-2). Focus herein lies in understanding why some people have a higher risk for severe infection courses.

We are looking for a highly motivated and ambitious individual with a high degree of curiosity and eagerness to learn and make fundamental scientific discoveries. The candidate should have a master's degree in the life sciences or an equivalent qualification. Previous experience in virology, molecular and cell biology would be welcome.

The topic of the PhD project will be to identify new functions for well-known players in cell biology, namely the cellular import proteins and their involvement in regulating influenza A virus replication and innate immune response. Therefore, cutting-edge technologies will be used (top-down proteomics, native mass spectrometry and light-sheet microscopy).

This PhD position will be embedded in to the **Research Training Group “Humans and Microbes”** (RTG 2771, funded by DFG) for 3 to 4 years (3 years plus option for up to one year extension). Payment and social benefits will be in accordance with the regulations of the German TV-AVH (salary agreement for public service employees).

If you have further questions, please do not hesitate to contact Prof. Dr. Gülsah Gabriel directly (Email: guelsah.gabriel@leibniz-liv.de). The LIV promotes professional equality between all genders. Handicapped applicants with equal qualifications will be given preferential treatment.

The position is to be filled as soon as possible. Applications should include a CV, a short description of previous experiences and technical skills, and contact details of two or three references. Please submit your application in a **single PDF** via e-mail to the Personnel Department by **November 30, 2022**. Late applications will be considered until the position is filled.