



Master Thesis (d/f/m)

-Influenza Virology-

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. The LIV offers the opportunity to perform cutting-edge research in a world-class research environment with excellent technical facilities.

The department “**Viral Zoonoses – One Health**” (Head: **Prof. Dr. Gülsah Gabriel**) at the LIV is opening a call for applications for a Master Thesis project on the topic “Evaluation of new inhibitors targeting the viral RNA-dependent RNA-polymerase as therapeutics against a broad range of influenza A viruses”.

Emerging influenza A viruses pose a serious risk to cause large epidemics or even pandemics. Antivirals play an important role in reducing global disease burden. This master thesis project will focus on the therapeutic evaluation of new compounds targeting the influenza A virus RNA-dependent RNA-polymerase. Herein, methods employed include but are not limited to: Polymerase Activity Assays, Molecular Cloning, Viral infection, Plaque Assays, Western Blotting, and others.

We are looking for a highly motivated and team-oriented master student (d/f/m) in Molecular Life Sciences, Molecular Biology or a related field with interest in virology to pursue a master thesis in our research department. We expect at least 6 months of laboratory research time fully dedicated to the project. Previous experience in the aforementioned laboratory techniques as well as good knowledge of the English language is beneficial. Anticipated start date of the project is as early as possible.

We offer intellectual and practical supervision by a postdoctoral research fellow and a PhD student, independent conduction of the experiments of the research project, and introduction into state-of-the-art technologies in cell biology, biochemistry and virology.

If you have further questions, please do not hesitate to contact Dr. Sebastian Beck (sebastian.beck@leibniz-liv.de). We offer the opportunity to perform cutting-edge research in an extremely stimulating work environment equipped with state-of-the-art technology.

The LIV promotes professional equality. Handicapped applicants with equal qualifications will be given preferential treatment. Please send your application by June 30th 2022– late submissions maybe considered until the positions are filled. Applications providing a motivating cover letter indicating earliest possible starting date, a CV and the names of at least two referees in a **single PDF** should be sent via electronic mail to:



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