
Job Advertisement HKI-20/2020

The **Leibniz Institute for Natural Product Research and Infection Biology – Hans Knöll Institute** (Leibniz-HKI, www.leibniz-hki.de) investigates the pathobiology of human-pathogenic fungi and identifies targets for the development of novel natural product-based antibiotics. Talented and highly qualified candidates are invited to apply for a position in a newly established **Junior Research Group** of **Dr. Matthew G. Blango** as a

Doctoral Researcher (f/div/m) Fungal RNA Biology

for three years initially. The anticipated start date is November 1st, 2020.

Research Areas: Microbiology, Mycology, RNA Biochemistry

This project is part of a newly established research group that will bring together the study of pathogenic fungi, RNA biology, and extracellular vesicles to better understand and treat fungal infections.

The field of study:

The successful candidate will investigate the field of fungal pathogenesis through the lens of RNA biology. The main topics of the project may include:

- Identification of the small RNA repertoire of fungi during infection.
- Elucidation and characterization of novel RNA regulatory pathways in filamentous fungi.
- Development of potential RNA-based therapeutics against fungal infection.

Required qualifications:

- Master's degree (or equivalent) in microbiology, biochemistry, mycology, or related discipline. Candidates about to obtain their degree are welcome to apply.
- Experimental background in molecular biology, microbiology, and/or biochemistry.
- Experience in analyzing RNA-Seq data (or willingness to learn).
- The candidate should be willing and able to work in an international, interdisciplinary research team.
- Very good communication skills in English.

We offer:

The successful candidate will be hosted in the newly established **Junior Research Group** of **Dr. Matthew G. Blango**. The aim of the group is to conduct innovative, cutting-edge research on fungal pathogenesis with a focus on extracellular vesicles and RNA biology. The Leibniz-HKI is embedded in the outstanding scientific environment of the Beutenberg Campus providing state-of-art research facilities and a highly integrative network of life science groups. The PhD candidate will participate in the structured program of the [International Leibniz Research School](#) and become an associated member of the [Jena School of Microbial Communication](#)

Salary is paid according to German TV-L (salary agreement for public service employees). As an equal opportunity employer, the Leibniz-HKI is committed to increasing the percentage of female scientists and therefore especially encourages them to apply.

Further information:

Dr. Matthew G. Blango | +49 3641 532 1072 | career@leibniz-hki.de

Applications:

Complete applications in English should include a CV, a complete list of publications, a brief statement of research experiences, the addresses of two possible referees, and should be submitted **by June 21, 2020** via the Leibniz-HKI [online application system](#).

