
Job Advertisement HKI-10/2020

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. The **Department Infection Biology** invites talented and highly gifted candidates to apply as

Postdoctoral Researcher (f/div/m) Complement Genetics

for two years initially.

Your profile:

- Doctoral degree in biology, genetics or life sciences.
- Experience, knowledge and good experimental skills in molecular biology, genetics, biochemistry are an advantage, knowledge on complement and immunology, bioinformatics, cell biology and microbiology.

We offer:

The successful candidates will investigate the field of complement genetics, complement regulators and pathology of renal diseases. Main topics of the project are:

- Identification of genetic mutations of complement genes in the renal diseases C3 glomerulopathy and atypical hemolytic uremic syndrome
- Next generation sequencing for genetic diagnostics
- Functional characterization of FHR2 and FHR5 proteins in complement system and beyond

Further details:

Please refer to the following publications: [Zipfel et al. 2020](#), [Irmischer et al. 2019](#), [Chen et al. 2014](#), [Zipfel & Skerka 2009](#).

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

Further information:

Prof. Dr. Peter Zipfel | +49 3641 532 1301 | career@leibniz-hki.de

Applications:

Complete applications in English consisting of a letter of interest, CV, complete list of publications, brief statement of research experiences, a list of three potential references, and full academic record (copies of degree certificates) should be submitted **by March 31, 2020** via the Leibniz-HKI **online application system**.