

Job advertisement HKI-23/2021

The Leibniz Center for Photonics in Infection Research (LPI, www.lpi-jena.de) is a project of the National Roadmap for Research Infrastructures of the Federal Ministry of Education and Research (BMBF). As one of the supporting institutions of the LPI, the Leibniz Institute for Natural Product Research and Infection Biology - Hans Knöll Institute - (Leibniz-HKI, www.leibniz-hki.de) is looking to recruit a

Postdoctoral Researcher (f/div/m) in Targeted Proteomics

for 3 years initially.

The LPI is being established by a consortium of four supporting institutions ([Leibniz-HKI](http://www.leibniz-hki.de), [Leibniz-IPHT](http://www.lpi-jena.de), [FSU Jena](http://www.fsu-jena.de), [University Hospital Jena](http://www.unik-jena.de)). In the future, scientists at the LPI will combine photonic technologies with infection research and thus contribute to the development of new diagnostic and therapeutic methods for human medicine. Research results will be transferred to clinical practice along the entire value chain. The LPI research program is subdivided into basic technologies, in which the four supporting institutions jointly address various scientific and technological questions in an interdisciplinary approach.

Your tasks:

- Development of a platform for "Targeted Proteomics" by "Parallel Reaction Monitoring (PRM)"
- Establishment of sample processing protocols for proteome analyses
- Performance of LC-MS/MS-based proteome analyses and generation of proteome signatures of human-pathogenic fungi and immune cells

We expect:

- PhD degree in biology, biochemistry, chemistry or related life sciences
- Knowledge of and hands-on experience in the analysis of biomolecules by LC-MS/MS
- General knowledge about microbiology/infection biology, excellent communication skills and the ability to work on a cross-disciplinary project

We offer:

- an interesting and challenging job in an innovative research institute
- state-of-the-art equipment at an internationally renowned research institute
- a lively and dynamic network of excellent partners from science and industry
- an open and collegial atmosphere between all involved persons and institutions

The employment relationship is concluded with the Leibniz-HKI and remuneration is in accordance with the German TV-L regulations (salary agreement for public service employees). The Leibniz-HKI aims to increase the proportion of women among its staff and strongly encourages qualified women to apply. Severely disabled persons are given preferential consideration in the case of equal suitability.

Further information:

Dr. Olaf Kniemeyer | +49 3641 532 1071 | career@leibniz-hki.de

Applications:

Complete applications in English, including a cover letter with a brief statement of research experiences, a CV with a complete list of publications, and the addresses of three possible referees should be submitted by **July 25, 2021**, via the Leibniz-HKI **online application system**.

federführende Trägerinstitutionen:

unterstützt durch:

gefördert von: