



The Institute of Pharmacology is seeking, to begin on 01.09.2026 and continue through 31.08.2030 in the field of GPCR signalling, advanced microscopy, proteomics and bioinformatics:

Postdoctoral Researcher (m/f/d)

Reference: 50336173

We offer:

- Join an ambitious research program funded by the European Research Council (ERC)
- Access to state-of-the-art facilities for fluorescence microscopy, proteomics, molecular and cell biology and pharmacology
- Supportive mentoring Competitive salary (E 13) and health care benefits according to the company-based tariff agreement
- Many employee benefits, such as the Deutschland-Jobticket, bicycle leasing and participation in loyalty programs
- Childcare facilities, if places are available
- Excellent public transportation access

Your tasks:

- Development and application of innovative approaches to unraveling cellular information processing via GPCR signaling networks
- Development of next-generation biosensors for FLIM-based live-cell imaging
- Establishment of workflows for proximity labeling, phosphoproteomics, and quantitative proteomics
- Investigation and manipulation of signaling processes at the nanoscale using state-of-the-art microscopy and molecular pharmacology
- Integration of imaging and proteomics datasets through bioinformatics and computer-aided analysis
- Work in highly collaborative and international research environment

Your offer:

- Ph.D. in biochemistry, biology, physics, bioinformatics, or a related field
- In-depth expertise in fluorescence lifetime-microscopy (FLIM), mass spectrometry-based proteomics, bioinformatics, or a closely related discipline
- Experience with cell cultures and cell-based assays
- Demonstrated scientific creativity and independence through publications, methodological advances, or technical innovations
- Interest in basic and translational biomedical research
- Excellent written and spoken English skills

Further information and contact:

UNIVERSITÄTSMEDIZIN
der Johannes Gutenberg-Universität Mainz
Institute of Pharmacology
Langenbeckstraße 1
55131 Mainz, Germany

In case of technical questions or for further information, please contact is Professor Dr. A. Bock, phone: 00496131 17-9150.

Please submit your application (including cover letter, CV, academic record together with a list of projects you were working in and the names of at least two references in one combined pdf) to karriere@unimedizin-mainz.de or upload your application on our homepage: www.unimedizin-mainz.de