

The Leibniz-Forschungsinstitut für Molekulare Pharmakologie (FMP) belongs to the „Forschungsverbund Berlin e. V. (FVB)“. The FVB is an institution of seven natural sciences research institutes in Berlin funded by the Federal Republic of Germany and the association of its federal states. The research institutes are members of the Leibniz association.

The Leibniz-Forschungsinstitut für Molekulare Pharmakologie (FMP) is a non-university academic research organisation dedicated to basic biomedical research and is located at the Research Campus Berlin-Buch in close vicinity to the Max Delbrück Center for Molecular Medicine and the Charité Experimental and Clinical Research Center.

The **Medicinal Chemistry group** at the FMP is focused on the chemical optimization of hits to chemical probes. The work environment provides access to state-of-the-art equipment and technologies for screening, in silico design, synthesis and biological testing of novel small molecule modulators.

We are looking for

## PhD Student Chemistry (f/m/d)

(Ref. 18/2021)

limited for **3 years and starting as soon as possible**.

### Job description:

She/he works in close collaboration with molecular biologists, biochemist and molecular modelers to design and synthesize new inhibitors based on ligands or fragments with the final aim to improve their efficacy and selectivity. She/he will evolve systematic structure-activity-relationships (SAR) to identify appropriate conjugation sites of chemical groups for covalent proximity-labeling of a non-receptor protein tyrosine phosphatase and the multivalent presentation to a C-type lectin receptor.

The position offers a unique opportunity for candidates who wish to develop and apply their scientific knowledge, sound expertise and skills to tackle chemical biological problems spanning from basic research to fundamental industrial importance using small molecule inhibitors. The FMP provides an international, innovative and interdisciplinary work environment, with access to state of the art experimental and computational infrastructure.

### Requirements:

Applicants should have a master's degree in organic chemistry, chemical biology or medicinal chemistry. Knowledge and experience in the application of novel synthetic methodologies, heterocyclic chemistry and labeling techniques will be advantageous. All applicants are expected to benefit from excellent written and oral communication skills and display a high personal motivation to excel in science. The successful candidates will be highly motivated and have excellent scientific skills. She/he should have good communication skills in English and an open, proactive personality to work in a team of young researchers. The working language is English; knowledge of the German language is not required.

### For more information please contact:

Dr. Marc Nazaré; e-mail: [nazare@fmp-berlin.de](mailto:nazare@fmp-berlin.de) phone: 030 9406-3083

Homepage FMP: <http://www.fmp-berlin.de/nazare>

Salaries will be based on TVöD. In 2013 the institute has been awarded the certificate of the audit Beruf und Familie as family-friendly employer. We offer equal opportunities regardless of gender and welcome applications of disabled candidates. They will be preferred in case of equal qualification. We welcome applications from all backgrounds.

On the FMP homepage please go to [“Stellenangebote/Jobs”](#) and click first on this advertisement and then on the button **“Online bewerben”**. Please combine your application documents including motivation letter, CV, names and contacts of two references and copies of degree certificates as soon as possible but not later than **June 30<sup>th</sup> 2021**.

**We are looking forward to your application!**