
Founded in 1991, the University of Potsdam has developed from a small institution of higher education into one of the leading middle-sized universities in Germany. The University benefits from a close cooperation with the whole range of renowned non-university research institutes in the proximity. The group of Microbiology invites applications of talented candidates to apply for the following position

Postdoctoral Researcher (m/f/d) Cyanobacterial Natural Product Research

for three years initially (starting date 01.10.2022). We are seeking a highly motivated early career scientist with exciting research ideas who would like to develop his/her research career towards becoming an independent scientist. Research interests of the candidates should ideally complement research topics in the Department of Microbiology at University of Potsdam which are: i) genomic mining of secondary metabolites in cyanobacteria; ii) biosynthesis of secondary metabolites; iii) synthetic biology of secondary metabolite pathways; iv) functional role of cyanobacterial secondary metabolites; v) microbial interactions in cyanobacterial blooms.

Job Description:

The applicant will be able to conduct independent research but will also be responsible for the further development of projects within the laboratory and the supervision of PhD students at the Institute of Microbiology at the University of Potsdam. The successful candidate will supervise and design research, write manuscripts and proposals, and establish new research concepts and methods. The position also includes a small amount of teaching responsibilities in English-language Master's programs at the Institute of Biochemistry and Biology.

Requirements:

- a PhD in biochemistry, chemistry or microbiology, preferably with experience in one or more of the following: cyanobacteria, biosynthesis of microbial natural products, chemical analytics, synthetic biology, microbiology
- desirable methodological skills: molecular biology techniques, mass spectrometry, protein biochemistry, experience in handling large datasets
- strong publication record (relative to your career stage)
- High motivation, creativity and a cooperative personality

What is offered:

- Postdoc position for three years according to German public service pay scale
- Mentoring for young researchers
- Working in a young team of motivated scientists
- Living in the exciting urban area of Berlin-Potsdam

How to apply:

Applications including cover letter (providing motivation and research interests), curriculum vitae, and the names of two referees should be sent by 31th August 2022 by email to editt@uni-potsdam.de.