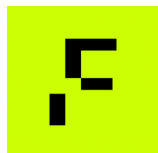


**Freie Universität Berlin - Fachbereich Biologie, Chemie, Pharmazie -
Institut für Pharmazie Medizinische Chemie, SFB 1759 / Medicinal
Chemistry, SFB 1759**



The SFB 1759 "Habitability as a fundamental planetary process: Towards a paradigm shift away from our perception of the uniqueness of Earth" is a newly established Collaborative Research Center studying habitability for life as we know it based on fundamental physio-geo-chemical processes set by the planet's evolution. The study of planetary habitability in this SFB is therefore oriented along the planetary boundary conditions set by astronomy, physics, chemistry and geology, rather than Earth-specific biological evolution. By focusing on the environments in which life may (or may not) evolve, the SFB will be able to define which signatures (such as trace elements in an atmosphere) can be explained by abiotic processes, and which would indeed need some form of extraterrestrial life, leading to a new database of potential biosignatures as well as traces of habitability. As finding potential biosignatures or traces of habitability may also impact society, the SFB takes a holistic approach and investigates also ethical considerations, how scientists communicate scientific results to the public and how these are discussed in social media, as well as the general perception of the public and factors influencing this. In the SFB, different views on one of the most important questions of humanity — are we alone in the universe? — will therefore be examined hand in hand with different perspectives in natural sciences, social sciences, and humanities. More information: <https://www.geo.fu-berlin.de/en/geol/fachrichtungen/planet/projects/SFB1759> The planned position is offered at the Freie Universität Berlin, Institute of Pharmacy, in Berlin, Germany. Review of applications will start on the day after the application deadline until the position is filled. The earliest starting date of the position is the 01 October 2026. The starting dates are flexible but funding is limited to 30 June 2030. Applications should be written in English and include a cover letter, the names and email addresses two referees, CV, copies of degree certificates and transcripts, all combined into a single pdf (max. 10 MB). It is possible to apply for multiple positions offered within the SFB at the same time, please indicate the reference code(s) for the position(s) that you are applying for and email your application to coord@sfb1759-planetary-habitability.de.

Research assistant (praedoc) (f/m/d)

with 75%part-time job limited to 30.06.2030 salary grade (Entgeltgruppe) 13 TV-L FU
reference code: SFB1759-A03-JR

City: Berlin; Starting date (earliest): 01/10/26; Duration: befristet bis 30.06.2030;
Remuneration: Entgeltgruppe 13 TV-L FU; Reference number: SFB1759-A03-JR; Closing
date: 10/08/26

Tasks

We are seeking applicants at praedoc level for a position in the newly established collaborative research center SFB 1759. There is an opportunity to pursue a doctoral degree. The availability and stability of organic compounds on planetary surfaces constitute a fundamental prerequisite for planetary habitability, the central theme of this consortium. The research project aims at elucidating the formation of organic molecules and their molecular precursors and their functionality under physicochemical conditions relevant to various solar system environments. To achieve this, we will conduct a systematic series of autoclave experiments employing carbon dioxide and organic

precursor molecules with selected rock compositions. The PhD researcher will prepare, plan, conduct, and analyze reactions for the formation of amino acids, the oligomerization of amino acids, and the templated formation of functional peptides. For more information, please contact Jörg Rademann (joerg.rademann@fu-berlin.de).

Requirements

Completed MSc in Chemistry, Pharmacy or a related field by the time of employment.

Desirable:

Very good to good first degree, experience in conducting chemical or pharmaceutical research projects with a focus on synthesis and analytics, highly motivated to independent scientific work, high flexibility, capability to self-organize efficiently even under time constraints, social and communicative skills to work in a team, very high proficiency in English (B2/C1).

Application

Applications should be sent by e-mail, together with significant documents, indicating the **reference code, no later than August 10th, 2026** in PDF format (preferably as one document) to Prof. Dr. Jörg Rademann: coord@sfb1759-planetary-habitability.de or postal to

Freie Universität Berlin
Fachbereich Biologie, Chemie, Pharmazie
Institut für Pharmazie
Medizinische Chemie, SFB 1759 / Medicinal Chemistry, SFB 1759
Prof. Dr. Jörg Rademann
Königin-Luise-Str. 2 und 4
14195 Berlin (Dahlem)

With an electronic application, you acknowledge that FU Berlin saves and processes your data. FU Berlin cannot guarantee the security of your personal data if you send your application over an unencrypted connection.

Freie Universität Berlin is an equal opportunity employer.

More information at <https://stellenticket.de/206022/BUA/>
Offer visible until 10/08/26

