

TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. It develops innovative solutions for the world's most pressing issues. In research and academic programs, the university unites the natural and engineering sciences with the humanities, social sciences and medicine. This wide range of disciplines is a special feature, facilitating interdisciplinarity and transfer of science to society. As a modern employer, it offers attractive working conditions to all employees in teaching, research, technology and administration. The goal is to promote and develop their individual abilities while empowering everyone to reach their full potential. TUD embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

At the **Faculty of Biology**, the **Chair of Microbial Diversity** offers, subject to the availability of resources, a position as

**Research Associate / PhD Student (m/f/x)**

(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at the **earliest possible date**. The position is limited to 36 months and entails 65 % of the full-time weekly hours. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The position offers the chance to obtain further academic qualification (usually PhD).

**Tasks:** This research project funded by the German Science Foundation within the Priority Programme "Productive Biofilm Systems" aims at, in close collaboration with a partner group at the Otto von Guericke Universität Magdeburg, characterizing, quantifying, and manipulating biofilm formation of a strictly anaerobic methanogenic model organisms, in order to maximize terpene production of transgenic strains. To this end, genetic, molecular, physiological, and computational methods will be employed. The group is superbly equipped for anaerobic lab work. See [www.tu-dresden.de/bio/mikdiv](http://www.tu-dresden.de/bio/mikdiv) for background on the working group and on the topic.

**Requirements:** university degree (Master or Diploma or comparable) in Biology or related disciplines with a clear emphasis of Microbiology and/or Biochemistry/Molecular Biology. We seek a highly motivated scientist proficient in microbiological, biochemical and molecular techniques and above-average commitment. Experience in working with strictly anaerobic microorganisms is highly appreciated.

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Please submit your detailed application with the usual documents by **May 5, 2025** (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies) stating the **reference "Biofilm25"** to: **TU Dresden, Professur für Mikrobielle Diversität, Herrn Prof. Dr. Michael Rother, Helmholtzstr. 10, 01069 Dresden, Germany**, or via the TUD SecureMail Portal <https://securemail.tu-dresden.de> by sending it as a single pdf file to [michael.rother@tu-dresden.de](mailto:michael.rother@tu-dresden.de). Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

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**Reference to data protection:** Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: <https://tu-dresden.de/karriere/datenschutzhinweis>.