Faculty of Biology

At the **Institute of Microbiology** the **Chair of Microbial Diversity** offers a position as

**Research Associate / PhD Student**

(Subject to personal qualification employees are remunerated according to salary group E13 TV-L)

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

**Tasks:** This basic research project funded by the Deutsche Forschungsgemeinschaft (DFG) aims at elucidating the mechanism of sensing the trace element selenium, of its transport into the cell, and of selenium-dependent signal transduction (leading to differential selenium-dependent gene expression) of strictly anaerobic methanogenic model organisms. To this end, genetic, biochemical, and molecular methods will be employed. The chair 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 degree) 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.

Applications from women are particularly welcome. The same applies to people with disabilities.

Please submit your comprehensive application including the usual documents by **28.11.2019** (stamped arrival date of the university central mail service applies) using code **Selen19** to **TU Dresden, Fakultät Biologie, Institut für Mikrobiologie, z. H. Herr Prof. Dr. Michael Rother, Helmholtzstr. 10, 01069 Dresden**, or via the TU Dresden SecureMail Portal [https://securemail.tu-dresden.de](https://securemail.tu-dresden.de) by sending it as a single pdf document to **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](https://tu-dresden.de/karriere/datenschutzhinweis)