



Entry date:
as soon as
possible



Application
deadline:
2022-10-16



Salary:
E 13 TV-H



Duration:
3 years



Volume of
employment:
part-time (65 %)

The Philipps University, founded in 1527, offers multiple award-winning teaching for around 22,000 students and tackles the important issues of our time with excellent research across a broad spectrum of science.

The research group of Dr. Julia Kurth at the Microcosm Earth Center, a collaborative project of the Max Planck Institute and the Philipps-Universität in Marburg, is currently accepting applications for two

Research Assistants (Doctoral Researchers)

The position is offered for a period of 3 years if no former times of qualification must be considered. The starting date is as soon as possible. The position is part-time (65 % of regular working hours) with salary and benefits commensurate with a public service position in the state Hesse, Germany (TV-H E 13, 65 %).

The work group of Dr. Kurth investigates the metabolism of anaerobic microorganisms, mainly archaea, and combines molecular biology, protein biochemistry, anaerobic cultivation and enrichment methods, but also omics studies to learn more about environmental relevance of specific microorganisms. One research focus lies on the metabolism and environmental relevance of archaea that can metabolize methoxylated

aromatics, such as the methane-producing archaeon *Methermicroccus shengliensis*. The two PhD student projects will be integrated into the research topics of the research group, but can still be individually adapted.

Tasks:

With your tasks, you will become part of the AG Kurth at the new Microcosm Earth Center, which emerged from the cooperation between Philipps-Universität Marburg and the MPI for Terrestrial Microbiology (<https://www.uni-marburg.de/en/microcosm-earth>). You will be offered a wide range of opportunities for creative and innovative work, for the application of state-of-the-art methodology in a variety of scientific disciplines, and for working in a large collaborative network - on an inspiring campus as well as nationally and internationally.

The position is limited to a time period deemed adequate for the completion of a doctoral degree. As part of the assigned duties, there will be ample opportunity to conduct the independent scientific research necessary for the completion of a doctorate. The limitation complies to § 2, 1 WissZeitVG.

Profile:

- completed scientific university degree (diploma, master's degree or comparable) in microbiology, biology, biotechnology or comparable
- Experience with microbiological methods (experience in working with anaerobic microbes, protein biochemistry, molecular biology or omics is an advantage)
- Enthusiasm, good communication and teamwork skills, willingness to learn and desire to develop into an independent scientist
- good command of English

Disposition to own scientific qualification (e.g. a doctorate project in the area of Microbiology) is expected.

We actively support the professional development of junior researchers by the offers of Marburg Research Academy (MARA), the International Office, the Higher Education Didactics Office and the Human Resources Development Office.

Contact for further information

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We support women and strongly encourage them to apply. In areas where

women are underrepresented, female applicants will be preferred in case of equal qualifications. As a certified family-friendly university, we support our employees in balancing family and career. A reduction of working time is possible. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications. Application and interview costs cannot be refunded.

Please send your application mentioning registration number above until October 16th 2022 at the latest as a single PDF file to jobs@synmikro.uni-marburg.de.

