Chair of Ecological Microbiology

The University of Bayreuth has an internationally competitive and interdisciplinary profile in research and teaching in the fields of ecology, environmental sciences and molecular biosciences. The Chair of Ecological Microbiology (Prof. Dr. Tillmann Lueders) is offering a position (planned starting date by April 1, 2020) as:

Research Associate / Lecturer (f/m/d)
(Akademische Rätin auf Zeit / Akademischer Rat auf Zeit)
on Rhizosphere Microbial Ecology

The position is available for an initial term of three years, with an option for prolongation by another three years. The Chair of Ecological Microbiology investigates fundamental questions about the control of biogeochemical and ecological processes within complex microorganisms in terrestrial habitats. Our research is focused on topics such as groundwater microbiology, microbial interactions in the rhizosphere, and the ecology of microbial biofilms in the subsurface. Our work is based on innovative combinations of fine-scale biogeochemical analysis, quantitative microbiology, next-generation sequencing, and the detection of stable isotopes in biomarkers.

Your tasks: We are looking for a highly motivated scientist, typically having completed a first postdoctoral project, with experience in research relevant to the vacancy. The enrolment requires dedicated, self-responsible participation in an interactive team. The tasks in research and teaching include:

- Development of an own research agenda and methodological competences in the field of rhizosphere microbial ecology
- Acquisition of third-party funds from national and European funding institutions
- Taking on teaching duties (lectures, exercises, etc.) amounting to currently 5 credit hours [SWS] in the fields of Environmental Microbiology and Molecular Ecology, in German and in English
- The position supports further academic qualification, i.e. a habilitation

Your profile: You have completed a PhD and typically one Postdoc project in the field of Rhizosphere Microbial Ecology. You can demonstrate relevant research experience and publications. Good skills in metagenomics and transcriptomics are welcome. You already have some experience in teaching, in the acquisition of research funds and in the supervision of students.

We offer: a multifaceted occupation, creative freedom and personal responsibility. We will support your professional and personal development. The Chair provides a modern, well-equipped and diverse Environmental Microbiological research infrastructure. The working atmosphere is characterized by a culture of active participation and interdisciplinary interaction.

Remuneration: the successful applicant will be enrolled as a civil servant (paygrade A13), for an initial period of three years. An extension as non-tenured civil servant by another three years is possible.

Handicapped applicants will be given preference if equally qualified. The University of Bayreuth aims to increase the proportion of women in science and particularly invites applications from female scientists.

Please send your application (a cover letter, CV, list of publications, teaching experience, certificates, research and teaching interests, 2 reference persons) by e-mail and in a single PDF attachment to: tillmann.lueders@uni-bayreuth.de until 29.02.2020. Informal inquiries are welcome by e-mail or by phone on +49 (0) 921 555 640. Check us out @ https://www.bayceer.uni-bayreuth.de/mik/

Recent rhizosphere-related papers from our group: