

Technician in Microbial Ecology

University of Vienna, Austria
Centre for Microbiology and Environmental Systems Science
Department of Microbiology and Ecosystem Science

We are looking for a highly motivated technician to support ongoing experiments in soil microbial ecology.

Our research group investigates the genomic and physiological features that enable soil microorganisms to survive in the challenging soil habitat. We aim to elucidate their survival strategies, as well as patterns and processes during reactivation. Projects cover arid soils (desert biological soil crusts) that experience extended droughts, and temperate soils that are limited in easily available carbon sources. We combine molecular techniques, stable isotope probing and single-cell approaches with process-level biogeochemical methods and cultivation-based investigations.

We are searching for a highly motivated technician to support ongoing experiments in the group. The technician will grow select microorganisms, measure growth and quantify gene expression. She/he will also assist in establishing microcosm experiments to measure *in situ* targeted processes and in establishing a genetic system for selected strains. The successful applicant will obtain excellent training in state-of-the-art molecular and microbiological methods and research experience, making her/him well-prepared for her/his future scientific endeavors in either academic or industry.

Required qualifications. We are searching for a highly motivated research technician to support ongoing experiments in our group. The applicant should have experience in the field of microbiology, microbial physiology or microbial ecology. Ability to work independently and in a team and good communication skills in English (written and spoken) are essential.

Duration of the appointment

This position is for up to 40 hours per week for 1 year with the potential to extend the contract based on performance. The salary is according to the salary scheme of the University of Vienna for a IIIa technician position.

Qualifications

- Bachelor or Master's degree in microbiology, microbial physiology or microbial ecology.
- Previous laboratory experience.
- Ability to communicate in English.
- Overall good communication skills.
- Excitement and enthusiasm for science.
- Proactivity.
- Ability to work in a team.
- Good organizational skills.

Application details. Applicants should submit a letter of motivation, provide the name, affiliation and email address of 2 professional references and a detailed CV (including a brief description of education, practical experiences and previous employments, if applicable). **These documents should be sent as one pdf file to Stephanie A. Eichorst via the email address stephanie.eichorst@univie.ac.at, with the subject *Technician Position – soil group*.** The position will remain open until filled.