The **Technical University of Munich (TUM)** invites applications for the position of

Professor
in » Root-Soil Interaction «

W2 Tenure Track Assistant Professor (with tenure track to W3) or W3 Associate Professor; to begin as soon as possible.

Scientific environment
The professorship will be assigned to the Department Molecular Life Sciences at the TUM School of Life Sciences.

Responsibilities
The responsibilities include research and teaching as well as the promotion of early-career scientists. We seek to appoint an expert in the research area of process interactions at the root-soil interface with a focus on plant performance and adaptation in specific soil environments. Ideally, research should include molecular, genetic, developmental, cellular, physiological, microscopic and/or other advanced imaging approaches. Root-soil-microorganism interactions can be included as well. Teaching responsibilities include courses in the university's bachelor and master programs especially in the fields of biological sciences, agricultural sciences as well as forestry and resource management.

Qualifications
We are looking for candidates who have demonstrated excellent achievements in research and teaching in an internationally recognized scientific environment, relative to the relevant career level (please see www.tum.de/en/faculty-recruiting-faq/ for further information). The proven ability to combine lab, greenhouse and field experimental approaches is an advantage.
A university degree and an outstanding doctoral degree or equivalent scientific qualification, as well as pedagogical aptitude, are prerequisites. Substantial research experience abroad is expected.

Our Offer
Based on the best international standards and transparent performance criteria, TUM offers a merit-based academic career path for tenure track faculty from Assistant Professor through a permanent position as Associate Professor, and on to Full Professor. The regulations of the TUM Faculty Recruitment and Career System apply.
TUM provides excellent working conditions in a lively scientific community, embedded in the vibrant research environment of the Greater Munich Area. TUM School of Life Sciences provides shared services and core facilities (e.g. Plant Technology Center, confocal imaging, NanoSIMS, BayBioMS, high throughput sequencing).
The TUM environment is multicultural, with English serving as a common interface for scientific interaction. TUM offers attractive and performance-based salary conditions and social benefits. The TUM Munich Dual Career Office (MDCO) provides tailored career consulting to the partners of newly appointed professors. The MDCO assists the relocation and integration of new professors, their partners and accompanying family members.

Your Application
TUM is an equal opportunity employer and explicitly encourages applications from women. The position is suitable for disabled persons. Disabled candidates with essentially the same qualifications and scientific performance as other candidates will be given preference. Application documents should be submitted in accordance with TUM's application guidelines for professors. These guidelines and detailed information about the TUM Faculty Recruitment and Career System are available at www.tum.de/faculty-recruiting. Here you will also find TUM's information on collecting and processing personal data as part of the application process.

Please send your application no later than **19 December 2021** to the **Dean of TUM School of Life Sciences,** Prof. Ingrid Kögel-Knabner, Alte Akademie 8, 85354 Freising. **Email address for applications: application-schooloffice@ls.tum.de.**