Professor in AI in Food Systems Biology
Technical University of Munich (TUM)

Job Title	Professor in AI in Food Systems Biology
Department	Leibniz Institute for Food Systems Biology
Institution	Technical University of Munich (TUM) Munich, , Germany
Date Posted	Jul. 7, 2025
Application Deadline	Aug. 17, 2025
Position Start Date	Available immediately
Job Categories	Professor
Academic Field(s)	Food Sciences/Technology/Toxicology
Job Website	http://www.tum.de/en/faculty-recruiting-faq/
Apply Online Here	http://www.tum.de/faculty-recruiting
Apply By Email	
Job Description	

Technical University of Munich(TUM) and the **Leibniz Institute for Food Systems Biology at the Technical University of Munich (Leibniz-LSB@TUM)** jointly invite applications for the position of

Professor

in » AI in Food Systems Biology «

to begin as soon as possible. The future holder of this position will be appointed as a W3 Associate/Full Professor at TUM and will be granted leave of absence with a reduced teaching load (Jülich model) to lead a working group at Leibniz-LSB@TUM.

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Scientific environment

At TUM, the professorship will be assigned to the TUM School of Life Sciences. The Leibniz-LSB@TUM comprises a unique and world-leading research profile at the interface of Food Chemistry and Biology, Chemosensors and Technology, and Bioinformatics and Machine Learning. Leibniz-LSB@TUM's aim is to develop new approaches for the sustainable production of sufficient quantities of foods whose biologically active effector molecule profiles are geared towards health and nutritional needs, but also towards the sensory preferences of consumers. The professorship will have access to the research infrastructure within Leibniz-LSB@TUM as well as institutes and core facilities available at TUM, including the BayBioMS and the ZIEL.

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 AI in food systems biology with a focus on developing AI and machine learning techniques relevant for food systems biology. We are looking for a candidate, who will develop and maintain databases and analyze multi-omics high-throughput data to predict food quality. Teaching responsibilities include courses in the university's bachelor and master programs, specifically in the joint bioinformatics program.

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).

A university degree and an outstanding doctoral degree or equivalent scientific qualification, as well as pedagogical aptitude, are prerequisites. Substantial research experience abroad, full commitment to interdisciplinary research and proven ability to attract third-party funding are expected.

Our Offer

Based on the best international standards and transparent performance criteria, TUM offers a merit-based academic career path for from a permanent position as Associate Professor and on to Full Professor. The regulations of the TUM Faculty Recruitment and Career System apply.

TUM and Leibniz-LSB@TUM provide excellent working conditions in a lively scientific community, embedded in the vibrant research environment of the Greater Munich Area. The TUM environment is

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multicultural, with English serving as a common interface for scientific interaction. As a rule, the holder of this professorship will not be employed as a civil servant (Beamte) under German law.

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 and Leibniz-LSB@TUM are equal opportunity employers and explicitly encourage applications from women. The position is suitable for disabled persons. Disabled applicants will be given preference in case of generally equivalent suitability, aptitude and professional performance. 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 submit your application by **17 August 2025** via the TUM recruitment portal: www.recruit.tum.de.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Munich
Germany