

The **Leibniz Institute for Food Systems Biology at the Technical University of Munich (Leibniz-LSB@TUM)**, a legal foundation under civil law in Freising, is a research institution of the Leibniz Association that combines methods of biomolecular basic research with analysis methods of bioinformatics and analytical high-performance technologies to investigate the complex interplay between the human organism and food ingredients.

The research group **Integrated Food Systems Analysis**, a part of Research Section III at Leibniz-LSB@TUM is currently looking for a scientist to start at the earliest possible date as

Working Group Leader (m/f/d)

The position is to be filled on a full-time (100% TV-L E14 with the option of E15) basis for a period of 3 + 3 years.

Your job profile includes

- Integration of multi-omics data sets generated with innovative high-throughput technologies used in Research Sections I and II (e.g. sensory, metabolome, proteome and transcriptome data) by using efficient algorithms and machine learning/artificial intelligence methods in combination with complex network analysis tools to predict and model interactions between food and biological systems
- Further scientific development of this Working Group to support the Food Systems Biology approach at the Leibniz-LSB@TUM
- Acquisition of third-party funding and scientific management of the research projects conducted within the working group
- Supervision of doctoral candidates and students in conducting independent scientific research
- Establishment of collaborations within the Leibniz-LSB@TUM and with external collaboration partners
- Publishing scientific results in (high impact) journals with a peer-reviewed process

Requirements:

The ideal candidate holds a PhD in Bioinformatics / Computational Systems Biology or a closely related scientific discipline and brings a strong background in bioinformatics, chemoinformatics, machine learning, AI and data analysis of large biological datasets. Proficiency in programming and experience in mentoring and/or supervising co-workers are highly desirable. A genuine interest in the subject matter (food science and multiomics), solid English language skills, self-motivation, and a readiness to establish a vibrant independent research program and tackle novel scientific challenges are considered essential. The ability to work both independently as well as within excellent teams, and strong organizational skills complete the candidate's profile.

Work environment:

Together with internationally recognized experts, you will conduct research aimed at improving food and its ingredients and promoting healthy human nutrition. Leibniz-LSB@TUM puts an emphasis on strong collaborative intramural interactions and offers great support.

In addition to a multifaceted workplace where your performance counts, we offer

- a performance-related salary in accordance with TV-L, in-line with your personal qualifications and the individual prerequisites
- the interesting and varied task area of food systems biology and an academic research environment
- a motivated Leibniz-LSB@TUM-team that is looking forward to welcoming you
- flexible working times and therefore good compatibility of work and family
- company pension scheme
- special annual payment

In the case of equal suitability, severely-disabled applicants as defined SGB IX will be preferred.

Please address any technical questions to the head of Research Section III Prof. Zimmer (r.zimmer.leibniz-lsb@tum.de) and send your application with the usual documents/containing your comprehensive CV and transcripts as well as names of three potential references electronically as a PDF file to the following address, citing the reference number **2025-03-S3-RZ**:

Anja Albrecht (Human Resources Department) recruiting.leibniz-lsb@tum.de.

Take advantage of this opportunity and contact us!

Notes on data protection

As a part of your application for a position at Leibniz-LSB@TUM, you have submitted personal data to us. Please note [our data protection information](#) in accordance with Art. 13 of the General Data Protection Regulation (GDPR) regarding the collection and processing of personal data in the context of your application. By submitting your application, you confirm that you have taken note of the data protection information of Leibniz-LSB@TUM.