



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 “**Biosystems Chemistry & Metabolism**” (Dr. Roman Lang) at Leibniz-LSB@TUM is currently looking for

## Post Doc (m/f/d)

to start on 01.01.2021 in full-time with a scope of 40 hours per week (TVL 14, 100%). The position is limited until 31.12.2022.

### Your area of responsibility includes

- Assistance in setting up the work group Biosystems, Chemistry & Metabolism and the workflows
- Development of SOPs for isolation of single compounds for human sensory analysis in food grade quality
- Development of ex vivo approaches to answer metabolic questions
- Development & application of targeted & untargeted MS-based methods for analysis of biosamples from metabolism-focused studies and metabolite-identification
- Generation of data sets and assistance in writing grant proposals
- Guidance and assistance for PhD-, MSc.- and BSc.- students in their projects.

### Requirements

- The ideal applicant holds a degree in Food Chemistry (PhD) with a strong focus on instrumental and sensory analysis of taste active food compounds, in particular the “sensomics” approach (activity-guided fractionation, compound isolation, structure elucidation and human sensory analysis).
- Experience in using UPLC-MS (triple quad and triple ToF systems, preferably from Sciex) to answer analytical questions.
- Knowledge in R and statistical evaluation
- Affinity for chromatographic systems and experience in handling them (procurement, maintenance, repair)
- Experience in guiding co-workers (students and technical staff)

### Work environment:

Together with internationally recognized experts, you conduct research aimed at improving foodstuffs and promoting healthy human nutrition.

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

- a performance-related salary in accordance with TV-L, in-line with your personal qualifications and the personal prerequisites
- an interesting and varied task area in the field of university research
- a motivated 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 essentially reciprocal suitability, severely-disabled applicants as defined SGB IX will be preferred.

Please send your application with the usual documents electronically to the following address, citing the reference number **2020-16-S1-RL**:

Anja Magalowski (Human Resources Department) [recruiting.leibniz-lsb@tum.de](mailto:recruiting.leibniz-lsb@tum.de).

### Take advantage of this opportunity and contact us!