

Research Assistant/ Wissenschaftliche Hilfskraft (m/w/d) for the team „Bioinformatics” at the Chair of Food Chemistry and Molecular Sensory Sciences

We are hiring a research assistant (Wissenschaftliche Hilfskraft) for the Chair of Food Chemistry and Molecular Sensory Sciences of the School of Life Sciences at the Technical University of Munich (TUM).

The research teams of the institute focus on screening, identification, and quantification of sensory and bioactive natural compounds in native and processed food material, as well as their metabolization and the fundamental understanding of their structure/effect relationship.

Responsibilities

You will establish an in-house library pipeline that enables the scientific teams to analyze and characterize known and unknown metabolites from state-of-the-art targeted and untargeted metabolomic techniques and modern methods for isolation (MPLC, HPLC) and structure elucidation (UHPLC-TOF-MS).

Your Profile:

- Bachelor in Informatics or Bioinformatics or from related fields.
- Basic experience in Python-based programming languages.
- Basic experience in Linux command-line interface (CLI)
- Interested in exploring known and unknown metabolites of food and commodities.
- Interested in writing small algorithmic scripts and willing to explore new tools

Start: as soon as possible

Dr. Sapna Sharma

Chair of Food Chemistry and Molecular Sensory Science

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Please find more information at our website <http://molekulare-sensorik.de>. Do not hesitate to contact us for any questions on the position.

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