



The **Leibniz Institute for Food Systems Biology at the Technical University of Munich (Leibniz-LSB@TUM)** 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.

Our new working group "Computational Chemistry and Molecular Modeling" at Leibniz-LSB@TUM is looking for

**1 doctoral student (1/2 TV-L 13), to start on 01/04/2019**

The position is to be filled for a period of **three years**.

After your scientific studies, you have ideally already gained initial experience in the field of **GPCR receptors and molecular modeling**.

**Your area of responsibility includes**

- Modeling tasks dealing with taste and olfactory receptors, including homology modeling, docking, explicit solvent/membrane Molecular Dynamics simulations, pharmacophore modeling and virtual high-throughput screening
- Taking on organizational tasks

**Requirements:**

The ideal applicant has a degree in bioinformatics, biochemistry, chemistry, food chemistry, life science (state examination, diploma, master's degree) or comparable qualification, a sound basic knowledge of computational modeling, as well as data analysis and solid English-language skills. Familiarity with the Linux environment, scripting and programming skills are highly welcome.

Above-average interest in the topic, we consider self-motivation and the ability to face new professional challenges as self-evident prerequisites. The ability to work independently, outstanding team skills and organizational aptitude round-out your profile.

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

Please send your written application with the usual documents electronically to the following address citing **the reference number 2018-15-S3-AdP**:

**Dr. Antonella Di Pizio**

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and Ms. Katrin Pech (Human Resources Department) [k.pech.leibniz-lsb@tum.de](mailto:k.pech.leibniz-lsb@tum.de)

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