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 Master Student, to start on 01/01/2020

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, bachelor 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 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 2019-09-S3-AdP:

Dr. Antonella Di Pizio
Leibniz Institute for Food Systems Biology at the Technical University Munich
Lise-Meitner-Str. 34
85354 Freising, Germany
Email: a.dipizio.leibniz-lsb@tum.de
and Mrs. Anja Magalowski (Human Resources Department) recruiting.leibniz-lsb@tum.de

Take advantage of this opportunity and contact us!