



The **Leibniz Institute for Food Systems Biology at the Technical University of Munich (Leibniz-LSB@TUM)**, a legal foundation under civil law based in Freising, is a prominent member of the Leibniz Association. Our institute integrates cutting-edge biomolecular research, bioinformatics, and high-performance analytical technologies to explore the complex interactions between the human organism and food components.

The **Transcriptome & Proteome Profiling** research group at Leibniz-LSB@TUM is currently seeking a motivated master's student for a **2-3 month internship**, with the opportunity to continue as a master's thesis student based on satisfactory performance.

Master's Student Internship (m/f/d)

“Optimization of CRISPR (Clustered Regularly Interspaced Short Palindromic Repeats) Reactions on Microarrays”

Duration: minimum 2 months

We are looking for a talented and motivated student specializing in **chemistry, molecular biology, or biochemistry** to contribute to our groundbreaking research. The project focuses on optimizing CRISPR reactions on microarrays to deepen our understanding of CRISPR-based technologies.

Key Responsibilities:

- Conduct in-depth literature research to support experimental design.
- Critically evaluate and discuss experimental results.
- Assist in the synthesis of microarrays and the optimization of CRISPR workflows.

Ideal Applicants (f/m/d) Must Have:

- The ability to work independently with attention to detail.
- Knowledge of the principles of good scientific practice.
- Strong theoretical knowledge of molecular biology, with practical lab experience being highly advantageous.
- Excellent written and verbal communication skills in English.

What We offer:

- A responsible and engaging role in a leading university research environment.
- A supportive, friendly team eager to collaborate.
- Flexible working hours to ensure a healthy work-life balance.
- The possibility of extending the internship into a master's thesis project upon satisfactory performance.

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



Leibniz Institute for
Food Systems Biology
at the Technical University of Munich

For further information, please contact **Ms. Arya Das** at a.das.leibniz-lsb@tum.de.

To apply, please submit your **CV, letter of motivation, and transcripts** in a single PDF file, to the following address, citing the reference number **2024-17-S1-PR**:

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.