CALL FOR APPLICATIONS: **MINI-JOB**

The Chair of Werner Siemens for Synthetic Biotechnology at the School of NAT, Chemistry department at the Technical University of Munich in Garching has an opening for a Hiwi job position

enzACN Project — Cell Free Biocatalysis and Enzyme Engineering

We are looking for three student assistants to support the enzACN project. The project aims to develop a cell-free enzyme cascade for the conversion of bio-based glycerol into acrylonitrile, a precursor for carbon fibers. Remuneration follows the applicable TUM rates for students performing scientific assistance tasks.

Responsibility and Tasks:

- Support microbial cultivation, cell harvesting and lysate preparation for cell-free biocatalysis.
- Assist with molecular cloning, recombinant protein expression, purification and enzyme activity screening.
- Support enzyme cascade optimization, sample preparation for HPLC analysis and experimental data evaluation.
- Depending on your interests and experience, contribute to enzyme sequence analysis, protein modeling or automated workflows. Tasks will be distributed across the three assistants.

Requirements:

We welcome students in biotechnology, biochemistry, chemistry, biology or related subjects. Basic laboratory experience is desirable; experience in molecular biology, protein work or bioinformatics is a plus. You should work reliably, keep accurate records and communicate well in English and German. The expected workload is approximately 7 hours per week per assistant; the schedule, starting date and contract duration will be agreed individually. Please send a short motivation statement, your CV and your availability by email, using enzACN HiWi in the subject line.

Contact Information:

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