

External Vacancy Announcement Reg.-Nr. 5-4248/24-D

The Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences I - Biosciences, Institute of Pharmacy, has a vacancy for a temporary position until 30.09.2027 at the earliest possible date:

PhD student position (f/m/d) in Enzyme Engineering

in part-time (50%).

Remuneration is applied up to pay group 13 TV-L, depending on the assignment of duties and fulfilment of personal requirements.

Work assignments:

- Development of a method for the "industrialization" of biocatalysts
- Computer-aided optimization of enzymes
- Rational and randomized mutagenesis to optimize the folding of technically relevant enzymes.
- Development and characterization of microbial screening procedures using various molecular and microbiological methods
- Writing scientific reports/publications as part of the research project
- The opportunity for a doctoral thesis is given.

Qualifications:

- Scientific degree (Master) in biochemistry, biotechnology, pharmacy, biology, chemistry or comparable courses of education
- Good practical and theoretical knowledge in the field of recombinant enzyme production (upstream and downstream processing)
- Well-founded knowledge in the field of protein analysis
- Good knowledge of computer-aided analysis and characterization of enzymes using suitable computer programs and applications (e.g., Phyton, PyMOL or comparable)
- Basic knowledge of the thermodynamics of proteins
- Knowledge of classical molecular biological methods (PCR, cloning, transformation, etc.) as well as computer skills for the use of software to analyze molecular biological questions are desirable
- Ability to work in a team, flexibility, self-organization and readiness for scientific exchange
- Very good English language skills, experience with MS Office and data processing programs (Origin, etc.)

Applications from severely disabled persons with equal aptitude and qualifications will be given preferential consideration. Women are strongly encouraged to apply. Applicants with a degree that was not obtained at a German university must submit a Statement of Comparability for Foreign Higher Education Qualifications from the Central Office for Foreign Education (<https://www.kmk.org/zab/central-office-for-foreign-education>) as proof of equivalence.

For any any questions, please contact Dr. Bodo Moritz Tel.: 0345 55-25955 or Prof. Dr. M. Pietzsch, Tel.: 0345 55-25949.

Please send your application, quoting reg. nr. 5-4248/24-D, together with the usual documents until 21/05/2024 to Martin Luther University Halle-Wittenberg, Prof. Dr. Markus Pietzsch, 06099 Halle (Saale) (conventional mail).



Electronical applications have to be sent under the subject reg. nr. 5-4248/24-D, to both following email addresses: bodo.moritz@pharmazie.uni-halle.de and markus.pietzsch@pharmazie.uni-halle.de.

Only complete application documents are considered.

The job advertisement is subject to hypothetical budgetary restrictions.

Application costs will not be reimbursed by Martin Luther University. Application documents via conventional mail will only be returned if a sufficiently stamped envelope is enclosed.