

External job advertisement Reg.-Nr. 5-4580/21-D

The Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences II, Institute for Chemistry, Research Training Group (RTG) 2670 "Beyond Amphiphilicity: Self-Organization of Soft Matter via Multiple Noncovalent Interactions" offers at the next possible date a

PhD position (m-w-d)

in part-time (65%). The position is limited until 30th April 2023.

The salary will be determined up to pay grade 13 TV-L depending on the assigned tasks and individual qualifications.

In total there will be about 25 doctoral researchers in the newly DFG-funded RTG, who will conduct soft matter research to advance the understanding of the emergence of complexity in molecular systems. The RTG addresses PhD students from Chemistry, Physics, Biochemistry, Mathematics and related subjects.

The position is available in Project A4 (Characterizing the interactions of proteins with polyphilic detergents and lipids and their impact on membrane self-assembly), and is supervised by Jun.-Prof. Dr. Carla Schmidt.

Requirements:

- Diplom or Master of Science in Chemistry, Biochemistry, Biology, Physics or in a related subject
- Very good knowledge and experiences in the analysis of proteins, lipids or other biomolecules
- Solid basic knowledge in bioanalytical and biophysical techniques
- Experiences in mass spectrometry (particularly in structural mass spectrometry) are advantageous
- Experiences in establishing and optimizing analytical or biophysical methods are advantageous
- Experiences with software for structural analysis (e.g., pyMol) or programming skills (e.g., in Python) are advantageous
- Good computer knowledge and solid basic knowledge with MS-Office
- Experiences in presenting scientific results are desired
- Ability to work in a team and enjoying interdisciplinary research

Tasks:

- Doctoral research in the above mentioned project (A4) of the RTG2670
- Successful participation in the qualification program of the RTG2670
- Preparing scientific publications, presenting results and writing a doctoral thesis

Priority will be given to applications from severely disabled candidates with equivalent qualifications. Women are strongly encouraged to submit their applications.

For any queries please contact Jun.-Prof. Dr. Carla Schmidt, Tel.: 0345 55-24875, e-mail: carla.schmidt@biochemtech.uni-halle.de

Please submit your application referring to the Registration Number 5-4580/21-D with the usual documents until 16th May 2021 by E-Mail to Jun.-Prof. Dr. Carla Schmidt, e-mail: carla.schmidt@biochemtech.uni-halle.de; Martin-Luther-University Halle-Wittenberg, Faculty of Natural Sciences II, Institute for Chemistry, 06099 Halle (Saale).



This job vacancy may be subject to budgetary restrictions.

The Martin-Luther-University Halle-Wittenberg will not reimburse application expenses. Written documents will only be returned if the applicant provides a self-addressed and stamped envelope.