

interdisciplinary

## External Job Advertisement Reg. Nr. 5-6094/25-D

*-Verlängerung der Bewerbungsfrist-*

Modern, interconnected, conscious of tradition: Martin Luther University Halle-Wittenberg (MLU) is the oldest and largest university in the State of Saxony-Anhalt with a history dating back more than 500 years. Today more than 20,000 students are enrolled at the university.

The Faculty of Natural Sciences II, Institute of Chemistry, at Martin Luther University Halle-Wittenberg is seeking a part-time (50 %)

### Scientist / doctoral researcher (m-f-d)

as soon as possible for a fixed term to 30.06.2028.

Remuneration will be determined based on job duties and responsibilities and will be aligned with the fulfillment of listed personal requirements, up to pay grade E13 under the TV-L (Tarifvertrag für den Öffentlichen Dienst der Länder – 'German Public Service Pay Agreement for the Federal States').

At Martin Luther University Halle-Wittenberg, EU-funded, future-oriented projects are carried out. This promotes the internationalization and improvement of the training of early-career researchers in areas of locally relevant, applied research with both national and international visibility.

#### Job Responsibilities:

- Research activities: Preparation and physico-chemical characterization of various types of liposomes and their properties and behavior (including size, surface potential, behavior under different conditions, interactions, and fusion behavior).
- Fluorescence and IR spectroscopy, monolayer measurements, microcalorimetry
- Research trips for measurements at collaboration partners
- Performing teaching tasks in accordance with LVVO LSA (physical chemistry) and cosupervising Bachelor's and Master's students
- Preparation of scientific publications and presentations

There is the opportunity to gain your own scientific qualification as part of a doctorate (Dr. rer. nat or equivalent).

#### Requirements:

- Completed university degree (Diploma, Master of Science, Staatsexamen) in chemistry, biochemistry, pharmacy, food chemistry, physics, or comparable life science-oriented subject
- Good knowledge of membrane biophysics and biophysical chemistry is desirable
- Experience with methods for studying lipid membranes and/or other soft matter and their interactions is required
- Experience in handling lipids, biomimetic polymers or proteins, and various membrane models is desirable
- Ability to work independently and reliably in the laboratory, to solve problems, and to conduct critical and complex data analysis
- Experience with an independently written thesis is desirable
- Fluent English, both written and spoken

- Good communication and teamwork skills; enthusiasm for scientific exchange

**We offer:**

- a diversity-oriented, and intercultural work environment at a certified family-oriented university
- comprehensive staff development throughout all career stages with diverse training and qualification opportunities

Applications from disabled persons, including those of equal status (as certified by the *Bundesagentur für Arbeit* / Federal Employment Agency), will be given preferential consideration if they are equally suitable and qualified. Women are strongly encouraged to apply. Applications from individuals of all nationalities are explicitly welcome. 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 (ZAB) (<https://www.kmk.org/zab/central-office-for-foreign-education>) as proof of equivalence upon conclusion of the employment contract. You can find ways to apply for a financial grant for this under: <https://www.anerkennung-in-deutschland.de/html/de/pro/anerkennungszuschuss.php#>.

If you have any questions, please contact Dr. Maria Hoernke, Email: [Maria.Hoernke@chemie.uni-halle.de](mailto:Maria.Hoernke@chemie.uni-halle.de).

Please send your application as one pdf file, including Reg. No.: Nr. 5-6094/25-D, with the required documents (including the contact of 1-2 reference persons) exclusively via Email to Martin Luther University Halle-Wittenberg, [Luise.Quil@chemie.uni-halle.de](mailto:Luise.Quil@chemie.uni-halle.de) until 30.07.2025.

This job posting is subject to potential budgetary restrictions and the availability of funds.

Application costs will not be reimbursed by Martin Luther University. Application documents will only be returned if a sufficiently stamped envelope is enclosed. Electronic applications are welcome.

