

External Job Advertisement Reg. Nr. 5-7896/26-D

The Faculty of Natural Sciences II, Institute of Chemistry, in the DFG-funded Integrated Research Training Group of the Collaborative Research Center (SFB) SNP2Prot "Plant Proteoform Diversity," at Martin Luther University Halle-Wittenberg is seeking a full-time

Research Associate (m-f-d)

for a fixed term as a maternity and parental leave replacement, expected from 14 January 2027 to 30 November 2027.

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')* .

Job Responsibilities:

- Conduct research within a subproject funded by a Collaborative Research Centre (CRC) on terpene syntheses
- Express and secrete Arabidopsis terpene synthases in yeast
- Perform activity and secretion analyses using colorimetric and fluorescence-based assays
- Identify reaction products using GC-MS and UPLC
- Carry out the (bio)synthesis of prenyl diphosphate precursors using chemical and biochemical methods
- Perform directed evolution of terpene synthases
- Present and publish scientific results

Requirements:

- Completed university degree (Master's, Diplom or State Examination) in Biochemistry, Biology, Chemistry, or a related field, with an outstanding academic record
- Completed PhD with excellent results in one of the above-mentioned disciplines is desirable
- Experience and expertise in protein expression and characterization
- Experience in the expression and characterization of enzymes is desirable
- Experience in directed evolution and GC-MS is desirable
- Strong interest in investigating the effects of climate on terpene synthase function and their directed evolution
- Excellent command of written and spoken English

High motivation to work collaboratively within the Collaborative Research Centre (CRC) 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 Ms. Linda Kulka Tel.: 0345 55 21666, Email: linda.kulka@chemie.uni-halle.de.

Please submit your application, quoting reference no. 5-7896/26-D, together with the required documents, by 14 August 2026 to Martin Luther University Halle-Wittenberg, Dr. Linda Kulka, via email at linda.kulka@chemie.uni-halle.de

This job posting is subject to potential budgetary restrictions.

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.