

The Leibniz Institute of Plant Biochemistry the department Biochemistry of Plant Interactions invites applications for a

PhD position (m/f/d)

(Salary group E13 TV-L, part-time 65 %)

in the DFG-funded Integrated Research Training Group of the Collaborative Research Centre (CRC) [SNP2Prot](#) "Plant Proteoform Diversity". The position is funded from 1 October 2024 to 30 June 2028.

Who we are:

The Leibniz Institute of Plant Biochemistry (IPB) is a non-university research institution of the Leibniz Association on the Weinberg Campus of the Martin Luther University Halle-Wittenberg. As a foundation under public law, the IPB is under direct supervision of the state of Saxony-Anhalt.

The IPB is an internationally recognized research institution and consists of four scientific Departments and additional independent research groups (approx. 200 employees, including around 40 doctoral students).

Research at the IPB aims to understand the (bio)chemical basis of plant resilience and performance in challenging environments related to climate change. The IPB offers excellent research facilities and state-of-the-art infrastructure to study the chemical diversity, biochemical interactions and biological functions of small natural product molecules in plants and fungi (<https://www.ipb-halle.de/en/>).

Your tasks:

- Experimental research within the framework of the [SNP2Prot subproject B03](#) Allelic variation of a vacuolar cation channel modulating ion homeostasis and calcium signalling in plants
- *In vivo* imaging of calcium and calcium decoding using fluorescence reporters
- Identification of interaction partners and phosphorylation analysis of a cation channel by mass spectrometry
- Expression, purification, and activity measurements of enzymes
- Presentation and publication of scientific data

The opportunity to obtain your own academic qualification as part of a doctorate is given.

Your profile:

- An excellent MSc degree (or equivalent) in biochemistry, biology, or a related discipline
- A strong fascination for *in vivo* imaging techniques
- A strong interest in calcium signalling in plants
- Excellent English language skills (written and spoken)
- Highly motivated to work cooperatively within the CRC

Our benefits:

- Excellent working conditions in an international environment
- Flexible and family-friendly working hours and possibility of home-office
- Offer of professional training courses and measures for skill improvement
- Compensation according to TV-L (including annual special payment)
- Contribution to your company pension plan (VBL)
- On-site opportunities for health promotion

How to apply and information:

For application use the online application form at <https://blogs.urz.uni-halle.de/snp2prot/>.

SNP2Prot currently provides additional free positions that you might be interested in. The online application form allows the simultaneous application for three projects of your individual preference. See an overview of all open positions here: <https://snp2prot.uni-halle.de/positions/>.

The submission deadline is **June 30th, 2024**.

Only applications submitted via the application web form (<https://blogs.urz.uni-halle.de/snp2prot/>) can be accepted.

In case of queries concerning the application process or project-related questions please contact: info@snp2prot.uni-halle.de, Tel.: +49 345 55-24834 or PI of the project Prof. Dr. Tina Romeis (tina.romeis@ipb-halle.de, Tel.: +49 345 5582 1400).

Foreign qualifications must comply with German standards (TV-L-EntgeltO Protokollerklärung Nr. 1 Absatz 4) and be certified (equivalence test in Germany, subject to a fee) and presented to IPB Human Resources at the time of hiring: <https://www.kmk.org/zab/central-office-for-foreign-education>

Diversity, family and equal opportunities:

The IPB aspires to the goal of equal opportunity, diversity, and the promotion of work-life balance as it was awarded the certificate "Total E-Quality". In addition, the IPB is a member of the nationwide company network "Success Factor Family" and of the "Diversity Charter" (Charta der Vielfalt).

Further information can be found at: <https://www.ipb-halle.de/en/institute/>

Data protection:

Please note, the data protection information for applicants (m/f/d) according to Article 13 and 14 GDPR on data protection processing during the application process: <https://www.ipb-halle.de/en/career/data-protection-information-for-applicants/>