

The Leibniz Institute of Plant Biochemistry in Halle (Saale), a research institute of the Leibniz Association, is offering a position in the frame of a BMBF-funded project for a

Postdoctoral Researcher (m/f/d) in Plant Genome Editing

(Salary group E13 TVL, full-time 100 %)

at the Department of Cell and Metabolic Biology within the research group “Glandular Trichomes and Isoprenoid Biosynthesis”.

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/>).

Research topic:

We are looking for a creative, curious, team-minded and enthusiastic candidate to join our team to contribute to a project on plant genome editing. Our group recently developed a CRISPR-Cas based tool to significantly enhance gene targeting and knock-in frequencies in plants (Schreiber et al., 2024, <https://doi.org/10.1016/j.molp.2024.03.013>). You will be part of a team to optimize and further develop this tool in plants.

Your profile:

The successful candidate must hold a PhD degree in Molecular Biology with experience and a strong background in genome editing technologies, especially with CRISPR/Cas systems and/or in DNA repair and recombination processes. Experience in plant transformation and Golden Gate cloning a plus but not compulsory.

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:

Please, contact Prof. Alain Tissier (alain.tissier@ipb-halle.de; Phone: 0049 (0) 345 5582 1500) for additional information.

Applications must include **a single pdf document** via email attachment comprising a cover letter describing research accomplishments and interests, a CV plus publication list, academic transcripts (PhD, master and bachelor), and contact details of two referees (or two recommendation letters) Interested candidates are invited to submit their applications as a single pdf document via email attachment , including a (i) detailed curriculum vitae, (ii) academic certificates /transcripts (PhD, master and bachelor) (iii) lists of publications and talks including one or two reprints representative of previous research, (iv) a brief one-to-two-page statement of research interests, and (v) and contact details of two referees (or two recommendation letters). Please send your complete application documents including the **reference number 12/2024** exclusively by email to bewerbungen@ipb-halle.de.

Review of applications begins immediately and will continue until the position is filled.

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/>