



The **Computational Plant Biochemistry** Research Group is looking for applicants for the position of

Research Associate computational metabolomics (m/f/d) (7/2026)



Halle (Saale),
Germany



Partial Homeoffice



Immediately



Deadline:
2026-06-30



Limited until
2027-12-31



Category
E13

Research topic:

As a (bio-) informatician, you will join our research group Computational Plant Biochemistry, which focuses on Computational Metabolomics and develops methods for processing and interpreting mass spectrometry data in the context of plant biochemistry and biodiversity research.

Your tasks:

- Development of methods for the characterization and identification of metabolites
- Adaptation and use of statistical methods to detect patterns and relevant connections in metabolomics data
- Integration of data from multiple Omics experiments

Your profile

- university degree (master or diploma) or a Ph.D., in computer science, bioinformatics, or a related field
- Strong knowledge of algorithm and software engineering and statistics
- Experience with the statistical language R, Python, and Java
- Knowledge in metabolomics or chemistry will be an advantage

About us

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, additional independent junior research groups, and the Department Administration & Infrastructure (about 200 employees, including about 40 PhD 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 investigate the chemical diversity, biochemical interactions, and biological roles of small natural molecules in plants and fungi, with an emphasis on specialized metabolites, chemical mediators, and relevant molecular networks of functional gene and protein regulation (<https://www.ipb-halle.de/en/>).

Contact

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Apply now!

