

**Leibniz Institute of Plant Biochemistry (IPB)
Program Center MetaCom**

Interdisciplinary research at the IPB, a non-university research institution of the Leibniz Association at the Weinberg Campus of the Martin Luther University Halle-Wittenberg, aims to understand the bio/chemical basis of plant resilience and performance in 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 plant and fungal natural products, with an emphasis on specialized metabolites, signaling molecules and relevant molecular networks of functional gene and protein regulation (<http://www.ipb-halle.de>).

The IPB established a Program Center for Plant Metabolomics and Computational Biochemistry (MetaCom), consisting of four working units: (i) Metabolomics & Proteomics Technology Platform, (ii) Chemical-analytical Reference Laboratory, (iii) Computational Plant Biochemistry Research Group, and (iv) Independent Junior Research Group.

The Computational Plant Biochemistry Research research group at the IPB is seeking applications to fill the position as

Research associate (computational metabolomics, m/f/d)

initially for three years, starting immediately.

Job description:

As a (bio-) informatician, you will join our research group Computational Plant Biochemistry Research, which focuses on Computational Metabolomics and develops methods for processing and interpreting mass spectrometry data in the context of plant biochemistry and biodiversity research. You will develop and evaluate methods for the characterization and identification of metabolites and extraction of statistical relationships and patterns in metabolomics experiments. You will be involved in various projects that bring together different experts and research questions.

You should hold a university degree (master) in bioinformatics or computer science, with experience in algorithm and software engineering and statistics. You are able to program in the statistics framework R, and have worked in Python and Java. Knowledge in metabolomics or chemistry will be an advantage. The position is available for PhD candidates or as a PostDoc position.

Salary & social benefits are according to the German Public Service regulation (TV-L). Please notice our data protection information for applicants (m/f/d) according to Article 13 and 14 GDPR concerning data protection processing in the application process:

<https://www.ipb-halle.de/en/career/data-protection-information-for-applicants/>

The successful applicant with a degree that was not obtained at a German university must submit a certificate assessment for foreign university qualifications (Statement of Comparability for Foreign Higher Education Qualifications) from the Central Office for Foreign Education (<https://www.kmk.org/zab/central-office-for-foreign-education>).

Please submit your complete application including a cover letter clearly stating the interest in the project and the group, CV, contact details for two referees and transcripts as a single pdf document quoting **reference number 3/2023 until June 15th 2023** to bewerbungen@ipb-halle.de

For further information please contact Dr. S. Neumann (sneumann@ipb-halle.de),
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