



Conserving - Exploring - Exploiting

The [IPK](#) is one of the world's leading international institutions in the field of plant genetics and crop science. Its research program and services contribute significantly to conserving, exploring and exploiting crop diversity. Its research goals are driven by the need to ensure an efficient and sustainable supply of food, energy and raw materials, thereby addressing a major global ecological challenge.

Postdoctoral scientist (f/m/d) in the field of Plant Nutrition and Physiology

The [Molecular Plant Nutrition](#) research group investigates the transport and metabolism of minerals and their role in physiological and morphological adaptations of plants to stress or agricultural production conditions.

We are looking for a Postdoctoral Scientist (f/m/d) for a research project with focus on microbial, genetic and metabolic adaptation of various wheat accessions to drought conditions.

Your tasks:

- GWAS analysis under ambient and drought conditions
- Microbiome analysis under ambient and drought conditions
- Metabolite profiling under ambient and drought conditions
- Proteomic profiling under ambient and drought conditions
- Bioinformatic analysis of all obtained data

Your qualifications and skills:

- You have a PhD degree in plant nutrition, physiology, biochemistry, genetics, agriculture or any related field.
- You have extensive practical experiences in all related above fields including GWAS, proteomics, metabolomics, microbiome analysis and bioinformatics.
- You own solid English skills, as they are a prerequisite for effective work in our multicultural environment.
- You have good communication skills and will to collaborate with researchers from different disciplines.
- You have problem solving skills.

You fit to us:

- If you have a strong interest in plant physiology and root biology.
- If you have strong scientific curiosity and motivation.
- If you are able to work autonomously and in a team.

We offer you:

- A working environment with a wide range of personal and professional development opportunities.
- Excellent infrastructure with modern laboratory equipment and phenotyping facilities.
- A stimulating research environment in one of the top crop research institutes in Europe with frequent exchange with other researchers and support from qualified colleagues.
- Access to in-house high-performance computing clusters
- A good infrastructure and welcoming work environment.
- A full-time project position (100 %) limited until 31.12.2026.
- Remuneration and benefits according to the German Public Service regulation (TV-L) up to salary-level E13
- An entry from 1st February 2024.

If you need further information feel free to contact **Dr. Mohammad-Reza Hajirezaei** Tel.: +49 (0) 39482 5266.

What you need to know:

For us, your qualifications and strengths count. Therefore, everyone is welcome – independent of gender, origin, age, or disability. The IPK is striving to increase the proportion of women in sectors where they are underrepresented and, therefore, explicitly encourages qualified women to apply. Our institute has been certified for Career and Family (“berufundfamilie”), and we offer family-friendly working conditions and flexible working hours. The IPK has set a goal to employ more people with disabilities. Qualified applicants with a disability will be given preference.

Your application:

We are looking forward to receiving your [online-application](http://www.ipk-gatersleben.de/en/job-offers/) (http://www.ipk-gatersleben.de/en/job-offers/) by **21.01.2024**. If you have questions or require more information, please contact **Kerstin Schweigert** (jobs@ipk-gatersleben.de). Please indicate the reference number **03/01/24** in your correspondence.

Foreign qualifications must carry out an equivalence test in Germany, which is subject to a fee. This must be presented in the event of a later hiring: <https://www.kmk.org/zab/central-office-for-foreign-education/statement-of-comparability-for-foreign-higher-education-qualifications.html>