



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.

PhD student (f/m/d)

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

In collaboration with the Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences 3 we invite applications for a PhD position (m/f/d) at IPK Gatersleben 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 in part time (65 %), subject to a positive funding commitment. Salaries will be according to Entgeltgruppe 13 TV-L, depending on the assigned tasks and individual qualifications.

Your tasks:

- Experimental research within the framework of the SNP2Prot subproject [C02 "Relevance of natural allelic variation in YUCCA genes for proteoform modulation, local auxin biosynthesis and phenotypic variation in Arabidopsis"](#)
- Gene cloning, sequence and qPCR analyses
- recombinant expression of proteins and protein gel blot analyses
- confocal and fluorescence microscopy
- crossing, cultivation and phenotyping of Arabidopsis plants on synthetic media
- Presentation and publication of scientific data

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

Your qualifications and skills:

- An excellent MSc degree (or equivalent) in biology or biochemistry or a closely related subject
- A strong interest in project main focus
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- Excellent English language skills (written and spoken)
- Highly motivated to work in a cooperative manner within the CRC

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 30st, 2024**.

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. Nicolaus von Wirén**, Tel.: +49 39482 5-602, E-Mail: vonwiren@ipk-gatersleben.de

What you need to know:

For us, your qualifications and strengths count. Therefore, everyone – independent from gender, origin, age, or possible disability – is welcome. The IPK is striving to increase the proportion of women in sectors where they are underrepresented and therefore explicitly encourages qualified women to apply. The IPK has set a goal to employ more people with disabilities. Qualified applicants with a disability will be given preference. Foreign qualifications must carry out an equivalence test in Germany, which is subject to a fee. This must be presented in the event of later hiring: <https://zab.kmk.org/en/statement-comparability>

This call for applications is subject to possible budgetary restrictions. Application costs will not be reimbursed.