

The Martin-Luther-University Halle-Wittenberg (MLU) is the largest university in the state Saxony-Anhalt. It cooperates with research institutions like the Leibniz Institute of Plant Genetics and Crop Plant Research (IPK Gatersleben). 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. Research goals of both institutions 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.

Both institutions invite applications for a tenured

W3-Professorship in "Crop Plant Genetics"

(Successor to Prof. Dr. Andreas Graner)

to be filled by 1 October 2023. We are looking for an excellent researcher with high international visibility in the area of crop plant genetics. By exploiting plant genetic resources hosted at IPK, the candidate is expected to develop and establish innovative approaches and strategies, which are complementary to the existing ones and allow elucidation of the genetic architecture and underlying genes determining development, yield and quality traits in crops.

Preferred research topics include conservation management, taxonomy, evolutionary genetics, domestication genetics, developmental genetics and stress genomics. The envisaged research program shall be internationally competitive and follow the lines of the Leibniz Association „*theoria cum praxi*“ combining basic and applied research.

The successful candidate will head the Department "Genebank" at IPK, actively promote the further development of the Federal Ex situ Gene Bank and its transformation into a Biodigital Resource Centre, and initiate and direct the integration and digitalization of novel genetic resources (e.g. precision collections, mapping populations). The candidate shall become an active member of the Board of Directors and thus requires experience in establishing and running research groups. The candidate is further expected to develop research programs and acquire third-party funding. Previous and recent research work should be documented by excellent publications.

Successful applicants will engage in teaching at the Faculty of Natural Sciences III of the MLU with 2 hours per week. She/He will participate in the B.Sc. program "Agricultural Science" as well as in other B.Sc., M.Sc. or graduate programs. The willingness and ability to teach in English is expected. Further duties and responsibilities are stipulated in section 34 of the Saxony-Anhalt State Law of Universities.

The position holder is expected to have an interdisciplinary orientation and a willingness to cooperate across faculties. The position offers excellent opportunities to collaborate with other research institutions or universities as well as with domestic and international breeding companies. Further information can be obtained from Prof. Dr. Nicolaus von Wirén (email: vonwiren@ipk-gatersleben.de; telephone: +49 39482 5602).

Applicants need to fulfil the pre-conditions of appointment as stipulated in section 35 of the Saxony-Anhalt State Law of Universities. Particular emphasis is placed on a Habilitation in the relevant field, or an equivalent level of scientific achievement and recognition. Candidates are expected to have attained the appropriate level of experience or qualification in teaching.

Their professional careers as well as relevant publications and in particular relevant experience in crop genetic issues should confirm this expectation.

The MLU is committed to diversity and aims to create an inclusive environment where our staff and students feel valued and inspired. In particular, we aim to increase the proportion of women appointed as permanent staff; therefore, appropriately qualified female candidates are strongly encouraged to apply for this position.

The IPK and the MLU strive to provide an environment compatible with work-life balance and have been certified as family-friendly institutions. Applications from candidates with disabilities are particularly welcome, and will be given preference in the event of equivalent qualification.

Applications should include a cover letter, curriculum vitae, academic certificates, description of professional career, list of publications, record of acquired research grants, and teaching record. Please include your business and private addresses.

Please also provide a resume of past and future research interests as well as a research concept for the department considering collaborations with other groups at IPK and MLU (max. 2-3 pages).

The complete application should be sent both electronically by email (integrated pdf file less than 5 MB) as well as in paper form not later than **15 April 2022** to the following address:

Martin-Luther-Universität Halle-Wittenberg
Naturwissenschaftliche Fakultät III
Dekan Prof. Dr. Matthias Müller-Hannemann
06099 Halle/Saale
Email: dekanat@natfak3.uni-halle.de

For further information, please contact Prof. Dr. Nicolaus von Wirén (phone: +49 39482-5602, email: vonwiren@ipk-gatersleben.de).

Please note: Applications to his email address will not be considered.

Please note that the University is unfortunately unable to reimburse costs associated with the application.

