External Job Announcement Reg.-Nr. 5-5508/24-D

The Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences 3 invites applications for a

PhD position (m/f/d)

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 %). Salaries will be according to Entgeldgruppe 13 TV-L, depending on the assigned tasks and individual qualifications.

Tasks:
• Cell biological, molecular biological and physiological research within the framework of the SNP2Prot subproject B03 “Allelic variation of a vacuolar cation channel modulating ion homeostasis and calcium signalling in plants”
• Project specific tasks: Subcellular localization and electrophysiological analysis of variants of a vacuolar cation channel protein in accessions of Arabidopsis thaliana; generation of reporter lines containing these channel variants; imaging of local and systemic calcium signals, phenotypical analyses, and ion analyses on these lines
• Presentation and publication of scientific data

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

Requirements:
• An excellent MSc degree (or equivalent) in biology, biochemistry or a similar area
• A strong interest in the function of ion channels in plants and their physiological role in stress responses, calcium signalling, and ion homeostasis
• Excellent knowledge of molecular and cell biology
• Experience in molecular biological, biochemical, and microscopic techniques
• Experience in work on Arabidopsis, live cell imaging and electrophysiological methods desirable
• 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/. The submission deadline is June 30th, 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. Edgar Peiter (edgar.peiter@landw.uni-halle.de, Tel.: +49 345 55-22420).

The Martin Luther University Halle-Wittenberg gives priority to applications from severely disabled candidates with equivalent qualification. Women are particularly encouraged to apply. Applicants with a foreign qualification have to show the statement of comparability for foreign higher education qualifications issued by Central Office...
This call for applications is subject to possible budgetary restrictions. Application costs will not be reimbursed by Martin Luther University. Only applications submitted via the application web form (https://blogs.urz.uni-halle.de/snp2prot/) can be accepted.