



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

The Faculty of Mathematics, Informatics and Natural Sciences, Department of Biology, Institute of Plant Science and Microbiology invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT “A DREAM OF NAC” (PHD-POSITION)

- SALARY LEVEL 13 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on 01.06.2020.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed until 30.09.2022. The position calls for 50 % of standard work hours per week**.

RESPONSIBILITIES:

Duties include academic services in the project named above. Research associates may also pursue independent research and further academic qualifications.

SPECIFIC DUTIES:

The goal of the project is to investigate the regulation of DNA repair mechanisms in response to genotoxic agents, using Arabidopsis as a model system. The focus will be on the role of a NAC transcription factor which is involved in DNA damage control. The work will involve e.g. plant growth assays using different genotoxic agents, mutant generation and analysis, protein-protein interaction assays as well as microscopic analyses to monitor responses at subcellular level. The work will be performed in collaboration with a lab in Poland working on barley.

REQUIREMENTS:

A university degree in a relevant field. Sound knowledge in molecular plant biology is required. This includes specifically experience with gene expression analyses, yeast-two-hybrid studies and the use of CRISPR/Cas9 to generate knock-out lines in Arabidopsis. In addition, experiences in cytology, confocal microscopy and biochemistry are desirable. Since we are an international research team, good oral and written English skills are necessary. The candidate should have team spirit and feel comfortable in an international and intercultural working group. Scientific writing skills would be helpful.

* Full-time positions currently comprise 39 hours per week.

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact arp.schnittger@uni-hamburg.de or consult our website at <https://www.biologie.uni-hamburg.de/en/forschung/molekular-und-zellbiologie/entwbio.html>.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 10.04.2020 to: maren.roeper@uni-hamburg.de.

Please do not submit original documents as we are **not** able to return them. Any documents submitted will be destroyed after the application process has concluded.