Universität Potsdam

Job Announcement

Young, modern, and research oriented... the University of Potsdam has firmly established itself within the scientific landscape since its founding in 1991. Nationally and internationally renowned scientists teach and perform research here at Brandenburg’s largest university. The University of Potsdam is successful in acquiring third-party funds, delivers outstanding performance in technology and knowledge transfer, and has a very service-oriented administration. With about 21,000 students studying at three campuses – Am Neuen Palais, Griebnitzsee and Golm – the University of Potsdam is a prominent economic factor and engine of development for the region. The University of Potsdam has a total of over 3,000 faculty and staff members and is located in one of Germany’s most scenic areas.

The University of Potsdam, Faculty of Science, Institute of Biochemistry and Biology, Plant Physiology is seeking to fill the following position:

**Academic Staff Member**

Requisition No.: 308/2020

Exact project start is negotiable, but should not be later than April 2020. The hours of work per week for the position amount to 26 hours. The position is limited to three years. The Salary Scale is 13 TVL (Area east). Contracts are time-limited according to § 2 Abs. 1 Academic Fixed-Term Contract Law (WissZeitVG).

**Responsibilities:**

There is an opening for a Ph.D position in the Department of Plant Physiology in a collaborative project hosted by Dr. Michael Sauer and Prof. Dr. Markus Grebe. The project aims to elucidate molecular mechanisms that underlie the phenotypic plasticity of root hair biogenesis. Specifically, two recently identified molecular components involved in protein-cytoskeleton interactions and intracellular protein transport will be analysed regarding their role in modulating the plastic behavior of root-hair generation and patterning under various environmental conditions. Thus, the project is uniquely situated at the interface between in-depth cell biological processes and classical physiological phenomena. State-of-the-art genetic, cell biological and biochemical methods will be combined with phenotypic and genetic analyses to gain a detailed understanding of phenotypic plasticity at the molecularly and cell biological level.

**Qualifications**

- An MSc (or equivalent) degree in molecular biology or a closely related discipline.
- Ideally, the candidate already has a background in plant cell biology.
• Previous experience with the plant model Arabidopsis thaliana and/or experience with root hair biogenesis is considered a plus.
• Proficiency in English is required, German language skills are a benefit, but are not strictly required.

We offer
An exciting, well established Ph.D. project covering an interesting combination of methods in a dynamic team embedded in a striving scientific environment.

References
Salazar-Henao et al., 2016. Development 143:1848-1858 (review article).

Under the laws of the federal state of Brandenburg, employees under this contract are permitted to dedicate at least 33% of their contract time for their scientific qualification. The University of Potsdam aims to increase the proportion of women in research and teaching and therefore invites qualified applicants to apply. The University of Potsdam values the diversity of its members and pursues the goals of equal opportunities regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, sexual orientation or identity. In the case of equal suitability, women within the meaning of Section 7 (4) BbgHG and severely disabled people will be given preferential consideration. Applications from abroad and from persons with a migration background are expressly welcome.

How to apply
If you find the topic interesting, have the required expertise and want to become part of our team, please send your application to michael.sauer@uni-potsdam.de. Please include a brief letter of motivation, your CV, Master degree certificate and transcript of records, title and abstract of your master thesis (or the thesis), publication(s) (if available) and contact data for two academic references, preferentially as a single pdf file. Deadline for application is February 17th, 2020. For questions or further information, please do not hesitate to contact us.

Potsdam, January 28, 2020