

Our team is looking for a

## Ph.D. student (f/m/d)

# To study evolutionary aspects of plant cell biology

A **Ph.D. student position** is available in the **group of Dr. Philipp Denninger** at the Chair of Plant Systems Biology of the School of Life Sciences of the **Technische Universität München** in Freising-Weihenstephan. Within the “**MAdLand**” **DFG Priority Programme**, we study cell polarity and signalling pathways regulated by RhoGTPase signalling in multiple plant species with a **focus on cell biology**.

### Research and Tasks

The Denninger Lab seeks a highly motivated Ph.D. student to study the **evolution of RhoGTPase signalling** in Streptophyte algae, Liverworts and Mosses. We investigate how plant RhoGTPase activators evolved during the conquest of land and how their properties adapted during the evolution of the green lineage.

To address these questions, you will use **bioinformatical, biochemical and cell-biological approaches**, with an emphasis on live cell imaging.

### Your Profil

- Curiosity and motivation to study plant evolution and plant cell biology
- Experienced in bioinformatics, biochemistry, or confocal microscopy
- M.Sc. (or equivalent) in the field of biology
- Excellent communication and teamwork skills

### We offer

- A great work environment
- Integration in the “MAdLand” DFG Priority Programme (SPP 2237)
- Excellent research opportunities and technical equipment
- A funded Ph.D. student position for three years with salary according to TV-L (E13, 65%)

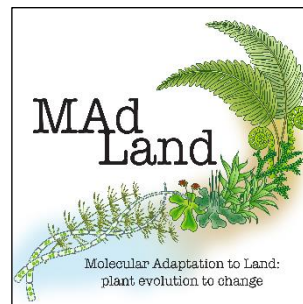
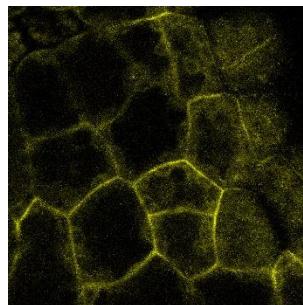
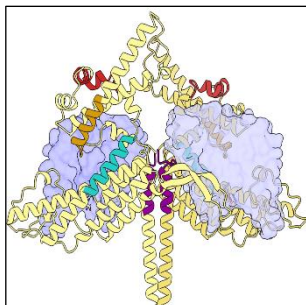
### Application

We look forward to your application, including a **letter of motivation** describing your skills and research interest, **your CV**, and contact information for **2 references**.

Please send your application documents in a **single PDF** to [philipp.denninger@tum.de](mailto:philipp.denninger@tum.de)

The **starting date can be from 01.02.2024**, or a later start date can be arranged. The selection process will remain open until a suitable candidate is found.

TUM aims to increase the proportion of women; qualified women are therefore strongly encouraged to apply. The position is suitable for severely disabled persons. Severely disabled applicants will be given preference in the event of otherwise essentially equal suitability, ability and professional performance.



### **Hinweis zum Datenschutz**

Im Rahmen Ihrer Bewerbung um eine Stelle an der Technischen Universität München (TUM) übermitteln Sie personenbezogene Daten. Beachten Sie bitte hierzu unsere Datenschutzhinweise gemäß Art. 13 Datenschutz-Grundverordnung (DSGVO) zur Erhebung und Verarbeitung von personenbezogenen Daten im Rahmen Ihrer Bewerbung. Durch die Übermittlung Ihrer Bewerbung bestätigen Sie, dass Sie die Datenschutzhinweise der TUM zur Kenntnis genommen haben.