

Our team is looking for a

## Ph.D. student or PostDoc (f/m/d) to study evolutionary aspects of plant cell biology

A fully funded **Ph.D. student or PostDoc 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.

With a **focus on cell biology**, we study cell polarity and signalling pathways regulated by RhoGTPase signalling in multiple plant species, within the **“MAdLand” DFG Priority Programme**.

### Research and Tasks

The Denninger Lab seeks a highly motivated Ph.D. student or PostDoc 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) for a Ph.D position, Ph.D. for a PostDoc position in the field of biology is required
- 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
- Funded Ph.D. student position (3 Years, TV-L E13, 65%), or PostDoc position (21 Months, TV-L E13, 100%)

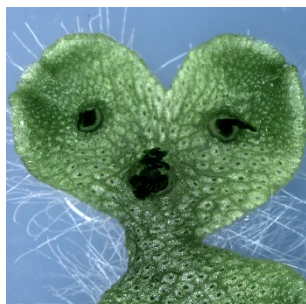
### Application

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).

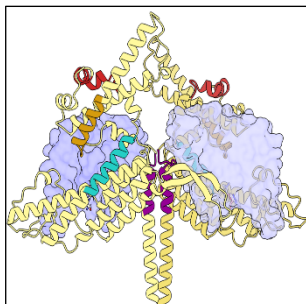
The **starting date can be from 01.04.2024**, or a later start date can be arranged. The selection process will remain open until a suitable candidate is found.

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.



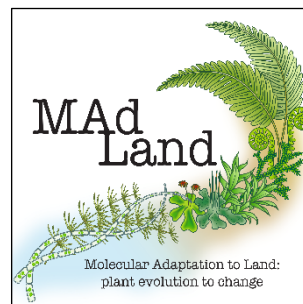
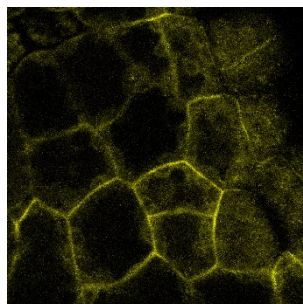
Technische Universität München

School of Life Sciences  
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### **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.