



## About us:

The Leister group has several research interests, including plant acclimation. Our subgroup investigates the molecular mechanisms underlying the interplay between chloroplast signalling and sensing pathways in the nucleus and cytoplasm. This is fundamental to improving our understanding of how plants sense and respond to a changing environment.

Further reading and more information:

[http://www.botanik.bio.lmu.de/personen/wiss\\_mitarbeiter/kleine/index.html](http://www.botanik.bio.lmu.de/personen/wiss_mitarbeiter/kleine/index.html)

Richter AS, Nägele T, Grimm B, Kaufmann K, Schroda M, Leister D, Kleine T (2023). Retrograde signaling in plants: A critical review focusing on the GUN pathway and beyond. *Plant Commun* 4(1):100511. doi: 10.1016/j.xplc.2022.100511

Kleine T et al. (2021). Acclimation in plants - the Green Hub consortium. *Plant J* 106:23-40. doi: 10.1111/tpj.15144

Wang L, Leister D, Guan L, Zheng Y, Schneider K, Lehmann M, Apel K, Kleine T (2020). The Arabidopsis SAFEGUARD1 suppresses singlet oxygen-induced stress responses by protecting grana margins. *Proc Natl Acad Sci U S A*. 117:6918-6927. doi: 10.1073/pnas.1918640117

We are looking for you:

## PhD position in Molecular Plant Science (m/f/x)

in Planegg-Martinsried

### Your tasks and responsibilities:

- Planning and carrying out experiments independently
- Application of established methods
- Establishment of new methods
- Data processing and analysis
- Preparing contributions to reports and presentations

### Your qualifications:

To strengthen our team we are looking for a motivated PhD student interested in the above-mentioned topics and willing to apply cutting-edge technologies. Interested applicants should have a strong background in plant physiology and/or molecular biology. Knowledge in systems-biology approaches and an affinity to use bioinformatics are of advantage.

### Benefits:

We offer

- the possibility to work on a cutting-edge project
- well-equipped, modern and highly interactive research environment within the LMU Biology Campus, Martinsried
- embedment in a research consortium (<https://www.tr175.bio.lmu.de/>) with all its benefits, including the opportunity to build lasting networks in a collaborative research environment
- expertise in a wide range of experimental techniques including molecular biology, protein biochemistry, physiology, (epi)genetics, cell biology, and applications of next generation sequencing
- an outstanding supervision concept
- an attractive living environment
- LMU **corporate benefits**

Further information for academic careers at the LMU: <https://www.lmu.de/de/die-lmu/arbeiten-an-der-lmu/wissenschaftlicher-nachwuchs/index.html>

People with disabilities who are equally as qualified as other applicants will receive preferential treatment.

## Contact:

Applications (CV with grades, letter of motivation and the contact details of two referees) should be sent per e-mail (subject: "PhD Position") until **01.06.2024** to [tatjana.kleine@lmu.de](mailto:tatjana.kleine@lmu.de)

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## Where knowledge is everything.

LMU researchers work at the highest level on the great questions affecting people, society, culture, the environment and technology – supported by experts in administration, IT and tech. **Become part of LMU Munich!**

In the course of your application for an open position at Ludwig-Maximilians-Universität (LMU) München, you will be required to submit personal information. Please be sure to refer to our **LMU Privacy Policy**. By submitting your application, you confirm that you have read and understood our data protection guidelines and privacy policy and that you agree to your data being processed in accordance with the selection process.