



The Cell Physiology Group at Martin Luther University Halle-Wittenberg invites applications for the position of a

## PhD student

(code: 5-3005/19-H)

Our research focuses on the expression of the genomes of mitochondria and chloroplasts. Our model system is *Arabidopsis thaliana*. The planned research will use revers-genetic approaches and next generation sequencing (NGS)-based strategies to elucidate mechanisms of organelle gene expression and to functionally characterise components of the organellar gene expression machineries.

The position is available for **3 years**. The PhD student will be associated with the Research Training Group RTG 2498 “Communication and Dynamics of Plant Cell Compartments” (<https://rtg2498.uni-halle.de/>).

Applicants should possess

- A very good Master’s degree or equivalent in biology, biochemistry or a related discipline
- Profound knowledge and practical skills in molecular biology or biochemistry
- Very good command of the English language, both written and spoken
- Good knowledge of German
- Outstanding interest in the molecular biology of organelles
- Enthusiasm for basic research on plants

Experience in gene expression analyses using NGS and bioinformatics skills will be advantageous.

We offer

- Expertise in a wide range of techniques in molecular biology, including NGS-based studies of transcription, and biochemistry
- Modern lab infrastructure
- An exciting research environment and a young and enthusiastic team with excellent international connections
- Dedicated training in the host and collaborating laboratories

The position is available immediately and will remain open until a suitable candidate has been found. Gross salary will be 50% TV-L 13. We encourage applications from female candidates and candidates with disabilities. For more information on the position, please contact [kristina.kuehn@pflanzenphys.uni-halle.de](mailto:kristina.kuehn@pflanzenphys.uni-halle.de).

Applications citing the code 5-3005/19-H should be sent by email in one PDF document in English or German, containing a motivation letter, a detailed CV with copies of degrees, a summary of prior research activities, and contact details of two potential referees to [kristina.kuehn@pflanzenphys.uni-halle.de](mailto:kristina.kuehn@pflanzenphys.uni-halle.de).

Kristina Kühn

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[https://www.biologie.uni-halle.de/institutsbereich\\_pflanzenphys/zellphysiologie/](https://www.biologie.uni-halle.de/institutsbereich_pflanzenphys/zellphysiologie/)