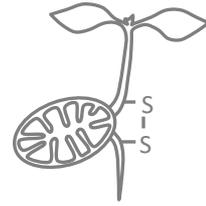




WESTFÄLISCHE  
WILHELMS-UNIVERSITÄT  
MÜNSTER



2017\_08\_32

The newly established **Plant Energy Biology Lab** at the University of Münster invites applications for a

## **PhD position in plant cell physiology & biochemistry**

Salary level TV-L 13 (65% fte)

The goal of the project will be investigating the

### ***Role of Mitochondrial Thiol Switches in Controlling Seed Germination.***

Protein sensors, state-of-the-art redox proteomics, *in vivo* imaging and molecular biology techniques will be used in the model plant *Arabidopsis thaliana*. The project will be funded by the DFG through the Priority Program 1710 "Dynamics of Thiol-based Redox Switches in Cellular Physiology" (<http://www.thiolswitches.de/>). For further background and the tools to be applied, please check our recent publications including De Col et al. (2017) eLIFE. e26770; Nietzel et al. (2017) Mitochondrion. 33: 72-83; Schwarzländer M (2016) Antiox Redox Signal. 24: 680-712; Wagner et al. (2015) Plant Cell. 27: 3190-3212.

The new department, headed by Markus Schwarzländer, will start at the Institute of Plant Biology and Biotechnology (IBBP) in October 2017. We offer an exciting and dynamic research environment with a friendly and experienced team. We hold excellent international connections and provide training in the relevant techniques and skills to the highest standard.

We are looking for an inquisitive, ambitious and bright PhD candidate with an interest in plant science, organelles, biochemistry and bioenergetics. Practical experience in molecular biology, proteomics, bioinformatics and/or imaging will be of benefit. The applicant should hold a master's degree (or equivalent) in a life science subject or a related area. Excellent English language skills are mandatory. The position will be available for three years in total.

Please apply by email, submitting a single PDF document in English or German containing a detailed CV, a brief summary of previous research projects, and the names of two potential referees by **15<sup>th</sup> September 2017** to: [anna.humpohl@uni-muenster.de](mailto:anna.humpohl@uni-muenster.de)

The University of Münster is an equal opportunity employer and is committed to increase the proportion of women in academia. Consequently, we actively encourage applications by female colleagues. Female candidates with equivalent qualifications and academic achievements will be preferentially considered within the framework of the legal possibilities. We also welcome applications from candidates with severe disabilities. Disabled candidates with equivalent qualifications will be preferentially considered.