



The Plant Energy Biology Group and the Chemical Signalling Lab at Bonn University invite applications for a

## Postdoc Position in Plant Biology

The goal of the project will be investigating

### **Mitochondrial Calcium and Energy Dynamics in *Arabidopsis*.**

Fluorescent protein sensors and quantitative *in vivo* imaging will be combined with biochemical approaches to investigate mitochondrial energy physiology in candidate mutants of the model plant *Arabidopsis*. For background on the project and the tools to be applied see Schwarzländer et al. (2012) *Plant Cell* 24: 1188-1201; Schwarzländer et al. (2011) *Biochem J* 437: 381-387; Schwarzländer & Finkemeier (2013) *Antiox Redox Signal* 18: 2122-2144, or contact us directly.

We offer the exciting and dynamic research environment of an Emmy-Noether research group, state-of-the-art equipment, a friendly and experienced team with strong international connections and dedicated training in cutting-edge techniques. Salary and benefits are paid at TV-L 13 (German public services tariff).

We are looking for an enthusiastic and highly skilled researcher who will be able to run, coordinate and develop the project with a high degree of independence. Candidates will have a strong interest and track record in fundamental plant science, mitochondria and bioenergetics. Practical experience in plant molecular biology, biochemistry and imaging will be essential. The applicant should hold a PhD in Biology, Biochemistry or a related subject. Excellent communication skills in either English or German are required.

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 to [Markus.Schwarzlander@uni-bonn.de](mailto:Markus.Schwarzlander@uni-bonn.de) by 10<sup>th</sup> Sept 2013.

The University of Bonn aims to increase the number of women in research and teaching. Hence, qualified women are particularly encouraged to apply. Preference is given to severely disabled applicants in cases of the same level of qualification.