



The Chemical Signalling Group at the Faculty of Agriculture, University of Bonn invites applications for a

PhD position in Plant Biology

The goal of the project will be investigating

Regulation of Oxidative Protein Folding through Thiol Switching.

Protein sensors, state-of-the-art *in vivo* imaging and proteomics will be used in folding-deficient mutants of the model plants *Arabidopsis* and *Physcomitrella*. For further background on the project and the tools to be applied see Meyer et al. (2007) *Plant Journal* 52(5), 973-986; Gutscher et al. (2008) *Nature Methods* 5(6), 553-559; Aller and Meyer (2013) *Protoplasma* 250(4), 799–816, Aller et al., (2013) *Frontiers in Plant Science* 4: 506; Schwarzländer et al. (2016) *Antioxidants & Redox Signaling* 24(13), 680-712.

We offer an exciting and dynamic research environment, a state-of-the-art-equipped lab, a friendly and experienced team with excellent national and international connections and dedicated training in the relevant techniques and skills to the highest standard. Salary and benefits are paid at TV-L 13 (65%) (German public services tariff).

We are looking for a highly motivated PhD candidate with interest in plant science and redox biology. Practical experience in molecular biology, biochemistry or imaging will be of benefit. The applicant should hold a Masters degree (or equivalent) in Biology or another relevant subject such as Agriculture, Biochemistry, Chemistry or Physics. Excellent language skills in either English or German are required. For enquiries, contact andreas.meyer@uni-bonn.de.

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 sekretariat-cs@uni-bonn.de by 31 August 2017.

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