



Are you looking to pursue a career in plant science? The Chemical Signalling group at the Faculty of Agriculture from the University of Bonn is seeking a qualified and highly motivated candidate for a

PhD position in Plant Biology

The goal of the DFG-funded project will be **Decoding the function of Tau glutathione S-transferases GSTU24 and GSTU25 in Arabidopsis**.

You will use state-of-the-art techniques such as CRISPR/Cas9 site-directed mutagenesis, protein purification, and *in vivo* imaging with genetically encoded protein biosensors, to elucidate the function of GSTU24 and GSTU25 in the response to oxidative stress. For further background on the project and techniques see Ugalde et al., 2021, DOI: [10.1093/plphys/kiab444](https://doi.org/10.1093/plphys/kiab444); Ugalde et al., 2022, DOI: [10.1007/978-1-0716-2469-2_5](https://doi.org/10.1007/978-1-0716-2469-2_5); Ugalde et al., 2021, DOI: [10.1093/plphys/kiaa095](https://doi.org/10.1093/plphys/kiaa095).

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

The ideal candidate should hold a Master's degree (or equivalent) in Biology or another relevant subject such as Agriculture, Biochemistry, Chemistry or Physics, with practical experience in molecular biology, biochemistry, or proteomics. Excellent language skills in English are required.

Don't miss out on this opportunity to be part of our innovative and vibrant team! For enquiries, contact **Dr. José Manuel Ugalde** at jugaldev@uni-bonn.de.

Please submit a single PDF document in English 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 **June 15th, 2023**.