

## PhD Position in Plant Cell Biology (FPI fellowship, PID2023-149567NA-I00)

We are seeking a highly motivated PhD student to join our team.

### Project Overview:

This research delves into the intricate processes by which plants adapt to abiotic stresses, particularly highlighting the critical function of root epidermal cells and the apoplast in sensing and responding to environmental fluctuations. The investigation will specifically focus on the dynamic interaction between ion transporters, the apoplast (encompassing the cell wall and its associated proteins), and microtubules, and how this interplay influences plant stress resilience.

### Qualifications:

- A Master's degree (or equivalent) in Plant Science, Biology, or a related field.
- Strong background in plant physiology, molecular biology, and cell biology.
- Experience with relevant laboratory techniques (e.g., microscopy, molecular cloning, protein analysis).
- Enthusiasm for research and a collaborative spirit.
- Excellent communication and scientific writing skills.

### We Offer:

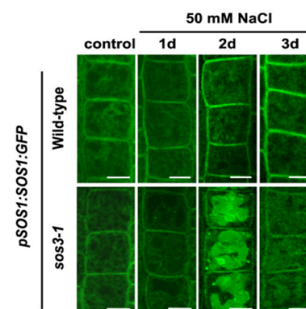
- A fully-funded PhD position in a stimulating research environment, IBVF, Cartuja.
- Access to state-of-the-art facilities and resources.
- Opportunity to work with a multidisciplinary team of experts.
- Mentorship and support for career development.

### For more information or to apply:

Submit your CV, a motivation letter outlining your research interests and suitability for the position to [fmgomez@ibvf.csic.es](mailto:fmgomez@ibvf.csic.es). We are committed to creating an inclusive and diverse research environment. We encourage applications from individuals of all backgrounds.



Instituto del Ciccartuja, IBVF



F Gámez-Arjona et al, 2024. *PNAS*.