

POSTDOCTORAL POSITION IN PLANT GENOME EDITING “Cell Wall Dynamics and Plant Resilience” Lab

The “Cell Biology and Plant Resilience” Lab, headed by Dr **Clara Sánchez-Rodríguez**, from the CBGP in Madrid invites applications for a postdoctoral researcher position funded by the ERC. The project will involve applying established CRISPR-Cas systems to validate genetic targets for crop improvement. For recent publications from the lab, see: https://www.cbgp.upm.es/index.php/es/?option=com_content&view=article&id=961

Candidates must demonstrate a strong interest and proven background in targeted genetic modification of plants, evidenced by primary-authored publication(s). Required qualifications include practical experience in vector construction as well as in the molecular and phenotypic characterization of transgenic plants. Additional expertise in plant tissue culture and genetic transformation is highly desirable. While quantitative skills and experience with plant stress responses or plant imaging are not mandatory, they will be considered an asset. Excellent communication and scientific writing skills in English, supported by a strong publication record, are essential.

Applicants should be highly self-motivated individuals have strong communication and analytical skills, and be able to work co-operatively within a team as well as independently.

We offer a 1 years position (included probation period), with the **possibility of an extension of an additional year**. The candidate will be supported by the European Research Council through the ERC Consolidator grant “DYNWALL”. **Starting date: 1st Feb 2026** or upon agreement. Salary will be competitive and reflect qualifications, skills, knowledge, and achievements of the candidate. Benefits of the Spanish Social Security system covering sickness, maternity/paternity leaves and injuries at work, unemployment, and retirement are included.

The CBGP offers excellent research infrastructure combined with a lively, interactive, and international scientific community, located in the lively Madrid region. Our center has the Severo Ochoa award for scientific excellence

Applications must include a CV, a short motivation letter outlining your research interest and career goals, and contact details (email address and affiliation) of at least 3 referees.

Please, e-mail applications to clara.sanchez@csic.es (**subject: GeneEdit-postdoc**) Applications will be evaluated as received and the position will remain open until the candidate is selected.

