

POSTDOCTORAL position in Cell Wall Dynamics and Plant Resilience

Plant Cell Wall Biologist to study the influence of Pectin acetylation in Root-Microbe Interaction

The “Plant Cell Biology” Lab from ETH Zurich (Prof Dr Clara Sánchez-Rodríguez; <https://impb.ethz.ch/research/research-pcb.html>) becomes the “**Cell Wall Dynamics and Plant Resilience**” Lab at the CBGP in Madrid (<https://www.cbgp.upm.es/index.php/en/about-us>) and invites applications for a postdoctoral position to study the role of pectin acetylation in plant response to root vascular pathogens using biochemical, genetic, and quantitative live imaging tools.

For recent publications from the lab, see: <https://impb.ethz.ch/research/research-pcb/publications-and-awards.html>

Candidates should have a strong interest and background in **plant cell wall** molecular, biochemistry and/or cell biology as demonstrated by primary authored publication(s). Previous work on plant-microbe interactions or Arabidopsis/tomato is not required, but can be an advantage.

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 2+2 years position funded by European Research Council through the ERC Consolidator grant “DYNWALL” as of 1st Feb 2023, 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 are included.

The successful candidate will be encouraged to apply for independent fellowships to gain independent programs for her/his future career path.

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 (<https://www.ciencia.gob.es/en/Organismos-y-Centros/Centros-y-Unidades-de-Excelencia.html>).

Applications must include a CV, a short motivation letter outlining your research interest and career goals, and two-three recommendation letters with contact details.

Please e-mail applications to clara_sanchez@ethz.ch (subject: CWM-postdoc)

Applications will be evaluated as received and the position will remain open until the candidate is selected.