



Job Opening at Madrid (Spain) 3 YEARS-Postdoctoral position Centro de Biotecnología y Genómica de Plantas (CBGP, UPM-INIA)

A Postdoctoral Researcher Position is offered to join the group "Innate immunity in plants and resistance to necrotrophic fungi" at the CBGP (UPM-INIA/CSIC). Candidate will work in the project, "**New Perception and Signaling Mechanisms of Plant Immunity Activated by Molecular Patterns Associated with Plant Cell Damage (DAMPs) (DAMPSENSE)**" directed by Dr. Antonio Molina Fernández and Dr. Lucía Jordá Miró and financed by the by the Spanish State Agency for Research. The selected researcher will work in the characterization of new mutants impaired in the perception and/or signalling of novel DAMPs, and the search for Pattern-Recognition Receptor (PRR) interactors, by using *in silico* molecular dynamics, multiple -omics, protein-protein interaction methodologies and molecular biology approaches to characterize this layer in plant innate immunity that links with cell wall.

We offer:

Postdoctoral research contract of 3 years. Benefits of the Spanish Social Security system covering sickness, maternity/paternity leaves and injuries at work are included. Salary will be fixed according to the Universidad Politécnica de Madrid (UPM) regulations (category of Junior Doctor Researcher).

Position requirements:

Candidates should have a MSc or equivalent degree in Biology, Biochemistry, Biotechnology, or related areas and a doctoral degree in plant biology, plant pathology or a related field. Proficiency in English and/or Spanish is required.

We are looking for an **independent** and **enthusiastic researcher** with interest in plant immunity, cell wall, and application of new genomic technologies. The main criteria for selection will be scientific excellence, strong background in plant immunity, protein biochemistry, particularly in protein-protein interaction. Previous experience in plant-microbe interactions or in plant cell wall will be positively evaluated.

Application procedure and deadline

Interested researchers must send a **single PDF file** including CV, a motivation letter and the contact details of two references to lucia.jorda@upm.es (Subject: DAMPSENSE-postdoc).

Applications will be evaluated as received, and positions will remain open until filled. **Application deadline is December 30, 2022.**