

Research Associate (Ayudante de Investigación de la Comunidad de Madrid) Position: APPLIED ROOT BIOTECHNOLOGY

Center for Plant Biotechnology and Genomics in Madrid

A Research Associate (Ayudante de Investigación de la Comunidad de Madrid) position is available to perform applied root biotechnology aimed to: 1) increase productivity in response to cold and salt and 2) sequester atmospheric CO₂ to palliate climate change. The Research Associate will learn cutting-edge multidisciplinary biotechnologies to identify biomarkers and generate gene variants. These technologies include the generation of protoplasts and their analysis by flow cytometry and confocal laser microscopy, single-cell-RNA-sequencing (scRNAseq) and derived computational analysis, as well as genome editing using CRISPR/Cas9 of model plants (Arabidopsis) and crops (poplar).

Applicants are expected to have an outstanding academic record and genuine interest in science. Having a master in life sciences is compulsory. Previous research experience will be considered. The position will be funded for a maximum of 2 years. Applicants should be registered with Fondo de Garantía Juvenil de la Comunidad de Madrid.

Interested applicants should send their C.V., student's academic record and cover letter to Miguel Moreno-Risueno (miguelangel.moreno@upm.es) and/or Mary Paz Gonzalez Garcia (marypaz.gonzalez.garcia@upm.es). Incomplete applications will not be considered. More information about research at the laboratory can be seen at: <http://www.cbgp.upm.es/en/newrootstemcells.php>.