

Marie Skłodowska Curie Action –Postdoctoral Fellowship 2022
(MSCA-PF-2022)

Contact Person/Scientist in charge <i>(datos del IP del grupo de investigación o responsable científico)</i>	Name	Raquel
	Surname	Iglesias Fernández
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Department /Institute /Centre <i>(datos del centro/departamento donde estaría ubicado el investigador a contratar)</i>	Name	Centro de Biotecnología y Genómica de Plantas (CBGP)
	Address	Parque Científico y Tecnológico, UPM Campus de Montegancedo, Ctra, M-40, km 38, 28223
	Province	Madrid
Research Area <i>(en base a las 8 áreas científicas establecidas en MSCA. Se podrán seleccionar entre una y tres áreas científicas por EOI)</i>		Life Sciences (LIF)
Brief description of the Centre/Research Group <i>(Max. 1600 caracteres con espacio: información sobre el centro / grupo de investigación / personal científico, destacando los aspectos más relevantes de los mismos. Incluir URL si es posible.)</i>		The project will be carried out at the “ Centro de Biotecnología y Genómica de Plantas ” (CBGP, Severo Ochoa Centre of Excellence 2022-2027). The centre currently has the necessary facilities and equipment to carry out molecular biology and physiological experiments. The centre also has its own platform for metabolomic analysis, a confocal microscope with high-resolution technology (Zeiss Axio Imager Z2), and bioinformatics clusters for computational analysis. In addition, the “Campus de Montegancedo” at the UPM has a High-Performance Computing Centre (CesViMa) that allows the network analysis. Dr Raquel Iglesias Fernandez is seeking a motivated Postdoctoral Researcher to work in an emerging research line in the frame of a recently granted European project <i>QUINOAA4MED (Q4M): Quinoa as a climate-smart crop diversification option for higher income generation from marginal lands in the Mediterranean. European Project PRIMA-2022.</i> https://www.cbgp.upm.es/index.php/es/el-cbgp/mision-y-vision
Project description <i>(Max. 1800 caracteres con espacio: breve descripción sobre el proyecto /línea de investigación en el que se acogería al investigador/a Marie S.Curie.)</i>		The Postdoctoral researcher will be integrated in a new research line exploring the potential of quinoa as a smart crop in countries bordering the Mediterranean. Quinoa (<i>Chenopodium quinoa</i> , Willd.), a pseudo-cereal originally cultivated in the Andean region, has gained attention throughout the Mediterranean because it yields well even on marginal soils and is tolerant to drought, soil salinity and other abiotic stresses. Moreover, it is considered among the 20 world’s healthiest foods, as its grains contain a balanced composition of minerals, vitamins, dietary fiber, fats, and high-quality, gluten-free proteins with a balanced amino acid profile. In the project, we will combine genetics, biochemistry, molecular biology, and physiology techniques. We are seeking a highly motivated Postdoctoral Researcher, interested in starting a new project. The researcher should have expertise in plant biochemistry, molecular physiology, and if possible, in the analytical characterization of metabolites. The postdoctoral researcher will have the opportunity to interact with international groups that also participate in the above mentioned Q4M project.
Applications: documents to be submitted and deadlines		Interested, please send CV, letter of motivation, and if possible, letter of references. Deadline: 09/05/2022