

RESEARCH TALENT RECRUITMENT PROGRAMME “EMERGIA”

Estación Experimental del Zaidín (EEZ) is a research Centre belonging to the Spanish Council for Scientific Research (CSIC) whose activity is mainly focused on Agricultural Sciences. EEZ aims at carrying out cutting-edge research in Biology (Plant and Animal Biology and Microbiology) while promoting the development of environmental applications for sustainable agriculture and livestock production.

EEZ is seeking two post-doctoral researchers with an outstanding career and leadership skills to conduct research in any of the following research lines:

1) Research on plant responses to abiotic (excess light or temperature, drought, salinity, high CO₂, etc.) and biotic (pathogens and plagues) stress factors, relevant in climate change.

This research line includes studies on plant tolerance against stress, signalling and regulatory mechanisms, stress-induced physiological, biochemical and gene expression changes and stress detection tools.

2) Beneficial plant-microbe interactions and environmental microbiology. Biotechnological strategies for environmental and agricultural sustainability.

This research line focuses on the study of the mechanisms underlying the establishment, regulation and function of plant-microbe interactions, microbial diversity and ecology, biofertilization, bioremediation and biodegradation pathways.

3) Study of animal nutrition in terms of nutrients and energy metabolism and their impact on performance and product quality, and ultimately on consumer health.

Diet requirements of economically-relevant livestock breeds and search for non-conventional economic and healthy alternatives in arid ecosystems.

The grants will be awarded in order to hire experienced researchers for a maximum of 4 years.

A minimum gross salary of 35.278 EUR per year is established for the selected researchers.

Selected candidates will receive up to 160,000 euros of additional funding to undertake a specific research project within their field of expertise.

Candidates must hold a PhD degree obtained not earlier than 5 nor later than 12 years before the date of publication of this call in the Official Gazette.

Full information about the call and application process can be found at <https://www.juntadeandalucia.es/organismos/transformacioneconomicaindustriaconocimientoyuniversidad/es/servicios/procedimientos/detalle/22250.html>

Application deadline: 03/01/2022 00:00 - 31/01/2022 15:00 CET.

Candidates are strongly recommended to contact a senior researcher at EEZ-CSIC during the application process. More information: direccion.eez@csic.es