Position: Post doctoral Plant Breeding

The *Institute for Subtropical and Mediterranean Horticulture (IHSM)* from the *University of Málaga &* the *Spanish Council of Scientific Research* in Málaga, southern Spain (https://www.ihsm.uma-csic.es/) is seeking to incorporate a highly talented and motivated postdoctoral scientist aiming to become an expert in Horticultural Plants Genetics and Breeding. The incorporation would initially be made through a 3-year contract from the *Qualifica-Junta de Andalucía* project QUAL21-00012.

- Function: The contracted researcher will be firstly involved in the activities of the Plant Genetics groups at IHSM and, additionally, will have to seek for research funds for his/her activities as a way to join the existing groups in the Institute or initiate an emergent group focused to breeding of plant species cultivated in the horticulture environment in Subtropical and Mediterranean areas.
- Company: *Institute for Subtropical and Mediterranean Horticulture (IHSM)* a joint institute from the *University of Málaga &* the *Spanish Council of Scientific Research* (https://www.ihsm.uma-csic.es).
- Number of positions: 1
- Reference: IHSM-QUAL21-00012-PB
- Publication: - Published until: - (Begin: January 2023)
- Contract: Graduate contract CSIC M3 / 3 years
- Dedication: On-site / Full day contract
- Gross Salary: 14 payments of 2196.58 euros/month; Total: 30.374 euros/year
- Localization: Málaga capital, SPAIN
- Availability to travel
- Incorporation: January 2023
- Academic Level: University graduate, PhD in Sciences
- Language: Proficiency in English
- Experience and other requirements:
  - ✓ PhD in Sciences, preferably in agronomy, plant genetics, genomics, biotechnology and/or plant physiology.
  - ✓ The candidate should have an outstanding record in peer-reviewed publications in plant genetics and breeding or related scientific areas.
  - ✓ Good knowledge of plant breeding and in development and use of molecular tools applied to study agronomic traits.
  - ✓ Ability to perform genetic crosses and develop new populations for selected traits, and ability to maintain and utilize existing germplasm resources.
  - ✓ Proven skills in plant and fruit phenotyping.

- ✓ Good knowledge in quantitative genetics, QTL and GWAS mapping, state-of-the-art genotyping technologies, use of plant genomic databases, and methods in molecular biology.
- ✓ It would be also desirable knowledge in bioinformatics and analysis of sequencing data, and in gene editing technologies in plants.
- ✓ Proficiency in English

CONTACT: Address the Curriculum Vitae to Rafael Fernandez Muñoz (rafael.fernandez@csic.es)