

Fellowship opportunity for short training in **Genomic-Assisted Breeding**

Where:

The Genomic-Assisted Breeding laboratory at the Centre for Plant Genomics and Biotechnology (CBGP) in Madrid, Spain, within the department of Computational Systems Biology and Genomics.

About the Institute

The CBGP, or Centre for Plant Genomics and Biotechnology, is a collaborative research institute of distinction located at the Montegancedo International Campus in Pozuelo de Alarcón, Madrid. The research scope of CBGP is diverse, covering fields such as plant biotechnology, plant biology and microorganisms associated with them. The CBGP also takes an active role in educating and training students, technicians and scientists at the Bachelor, Master and PhD level, and helps to nurture the scientific careers and leadership development of young researchers.

Project and main tasks

The chosen candidate will work on the project "Machine Learning Approaches Applied to Genomic Assisted Breeding" at the UPM. Their specific responsibilities will include tasks related to research and study. To be considered for this position, the candidate must have the following qualifications:

- Bachelor's degree in Biology, Biotechnology, Computer Science or a related field.
- Strong background in quantitative genetics or plant breeding, such as an MSc degree in a relevant topic.
- Basic programming skills, with experience in R or Python preferred.
- MSc in plant breeding or a related discipline.
- Fluency in English.

Website Lab: <https://therocinante-lab.github.io>

Duration: 4 months (5h per day).

Salary: according to UPM standards.

Deadline for applications: 27 January 2023

Estimated Starting Date: 6 Feb 2023

Application process:

Send CV and motivation letter to j.isidro@upm.es