



# CREAF



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## RESEARCH TECHNICIAN FOR THE READAPT PROJECT(ref. 21-030-23758)

CREAF is seeking a research technician to join the READAPT project (REgional patterns of genomic and phenotypic trait variability associated with ADAPTation in *Taxus baccata* L.), with ref. PID2020-112738GB-I00, and financed by the Spanish Ministry of Science and Innovation.

The contract will be full-time (37.5 hours per week), for two years, and is envisaged to start in October 2021. The gross salary offered is 20,964.12 € per year.

### TASKS

- Field work and sampling of plant material in natural populations of *Taxus baccata* distributed throughout the Iberian Peninsula and Western Europe.
- Measurements and sampling of plant material in a common garden experiment of the species located at Valsaín (Segovia).
- Assessment of the variation present in leaf anatomical, morphological, and physiological traits potentially linked to local adaptation.
- Preparation of samples for elemental and stable isotope analyses.
- DNA extractions.
- Bioinformatics support for SNP selection and SNP capture design.

### REQUIREMENTS

- Bachelor's degree in Biology, Environmental Biology or related science (or equivalent training and experience).
- Basic knowledge of population genetics and evolutionary principles.
- Proven ability to work co-operatively in a research team environment.
- Experience with plant quantitative genetics experiments and the measurement of trait variation.
- Applicants must be well-organized, responsible, be able to work independently and be comfortable working for long hours in rugged terrain and challenging weather conditions.
- Fluency level in English, oral and written.
- Class B driving license (valid in Spain).

### ASSESSABLE CONDITIONS

- Experience with DNA isolation techniques.
- Familiarity with operating system environments (Unix, Linux, ...) and language programming (R, Python, ...) relevant to genomic analysis.
- Image processing capabilities.
- GIS training.
- Scientific writing skills.

### SELECTION PROCES AND CRITERIA

1. Admission of candidates: **applicants must submit a *curriculum vitae*, a cover letter (maximum 500 words) and the questionnaire attached to the offer (filled), by e-mail to [laboral@creaf.uab.cat](mailto:laboral@creaf.uab.cat), until 19 September 2021**, indicating the reference code of



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**the offer.** Applications referred to another portal, other than CREAM job openings section and the instructions included in this, will not be accepted.

2. Pre-selection: determination of compliance with the minimum requirements of the offer.
3. Selection: assessment of the preselected candidates by scoring based on objective criteria.
4. Final decision: in case of finding the suitable person, the election will be formally communicated to him/her, and the identification of the chosen person will be published on CREAM job opening section

