



## Job offer for researchers, research technicians or research support officers under Chapter 6 allocation

### Job offer

#### Title

Postdoctoral contract to provide support to Project 017-2020-FONDECYT-BM

### Main researcher

Name: Oreste

Last name 1: Piro

Last name 2: Perusin

Department: Department of Physics

### Contract details

#### Job description

Assist the principal investigator under the contract pertaining to Project 017-2020-FONDECYT-BM in using multifractal methods for data analysis of wheat and quinoa crop stress

Category: R2 - Doctor (PhD)

Qualification: PhD or equivalent

Field of research: Biological Sciences

Subarea of research: Biology

#### Contract type details

Type of contract: Permanent

Full/Part-time: Part-time

Hours per week: 15

Work schedule: Flexible

#### Application submission deadline

From Monday, December 05, 2022 until Tuesday, December 20, 2022

Planned start date: Monday, February 13, 2023

Planned end date of the tasks subject to the contract: Monday, February 12, 2024

### Research project / Agreement

Type of activity: Other research funding



Funding body: FONDECYT-BM

Call: -

Programme: -

Reference number / Official code: Proyecto 017-2020-FONDECYT-BM

Number of positions available: 1

## Candidate requirements

### Skills/Qualifications

PhD in Plant Biology with general experience in agricultural science and, more specifically, crop stress

### Specific requirements

Specific knowledge in using multifractal analysis of signals and spectral data to diagnose crop stress. Familiarity with treatment for potato and quinoa crops, and other cereals in Andean countries

### Language requirements

Spanish, English and some notions of French

Experience required: 5-10 years

### Prior experience

Proven experience in using the multifractal analysis method for spectral signals to quantify and classify crop stress

## Additional information

Monthly salary and benefits: 662,05 €

### Selection process

In accordance with article 8 of the REGULATORY AGREEMENT 145140 of 15th June 2022 that approves the regulation governing the recruitment of research staff under chapter 6 allocation of the university budget, as well as technical or operational research staff.

Eligibility criteria:

- Curricular merits in the field (max. 40 points).
- Qualifications in the specialist area (max. 20 points), other (max. 5 points).
- Video curriculum and, if applicable, personal interview (max. 20 points).
- Experience in the field (max. 15 points). E.g.: > 3 years (10 points), < 3 years (5 points).
- Other merits (max. +5 points). E.g.: recommendation letters.

Eligibility threshold: 60 points.

### Selection comitee

- The relevant Pro-Vice-Chancellor for research (or delegated representative) as chair.
- The supervisor (or delegated representative).
- The members of the Research Area Assessment Committee (CARAI).
- One or more expert members in the topic pertaining to the recruitment and chosen by the chair of the committee, where applicable.
- The head of the FORHU (or delegated representative), as secretary, who may speak but not vote.



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Additional comments

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