

EDITAL

ANÚNCIO DE UMA BOLSA DE INVESTIGAÇÃO PARA MESTRE

Referência: LIVESEEDING H2020 - 101059872

CONTEST CODE – PRBI/1/2024

The application is open for a Research Scholarship, within the project "LIVESEEDING - Organic breeding - Organic seed and plant breeding to accelerate sustainable and diverse food systems in Europe coordinated by Dr. Monika Messmer, FIBL, Switzerland, and whose manager at IPC is Professor Pedro Manuel Reis Mendes Moreira", with the operation code 101059872, of the Polytechnic Institute of Coimbra, funded by the Horizon 2020 Programme, under the following conditions:

The grant will aim to implement and develop the following activities:

- 1) Germplasm management and assay preparation.
- 2) Determination of biometric parameters in field and laboratory evaluation and subsequent data recording and processing.
- 3) Conducting surveys and a strong interaction with farmers and other actors in a perspective of participative improvement and network building.
- 4) Training with farmers (e.g. field days) and presentation of progress reports both nationally and internationally in particular of collaboration with LIVESEEDING consortium institutions.
- 5) Experience in organizing work teams.

General Scientific Area: Agricultural Sciences

Specific scientific area: Participatory Plant Breeding.

Requirements:

- To be a MSc in Agricultural Sciences enrolled in a PhD or in a course that does not confer the academic degree integrated in the educational project of a higher education institution.
- Oral and written fluency of Portuguese and English.
- Computer skills in the user's perspective.
- Knowledge in participative plant breeding, quantitative genetics and statistics (e.g. theoretical bases, spreadsheets and statistical programs).
- Communication skills with a view to networking both nationally and internationally.





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- Ability to organise teams in the field.

Work plan:

The work plan will be to develop:

- Ex-situ and on-farm germplasm management;
- On-farm and on-station plant breeding;
- Multilocational tests and field measurements (v.g. pest and disease resistance, pollination, harvesting and evaluation in plants and ears);
- Preparation of reports in Portuguese and English as well as participation in national and international publications;
- Organization of field teams.

Period of the grant:

The fellowship has a duration of 12 months, renewable for identical periods with the limits set out in article 3 of the IPC Research Grant Regulations in force, on an exclusive basis, starting on 15th February 2024.

Monthly Maintenance Allowance:

1199.64 euros, according to the table of values of the Research Grants in the Country awarded by FCT, I.P. (www.fct.pt/apoios/bolsas/valores) being the payment made monthly by bank transfer.

In addition to this amount, voluntary social insurance corresponding to the first level will be added, should the candidate choose to enroll, and personal accident insurance will also have to be taken out.

Workplace:

The work will be developed at ESAC and in farmers' fields that are distributed throughout the country, under the scientific guidance of Pedro Mendes Moreira.

Selection Criteria:

The evaluation criteria, focusing on the merit of the candidates, comprises the following parameters according to the following formula (weighted sum of the items listed below to a maximum of 100):

- Knowledge of genetic resources conservation and participatory plant breeding (25) points;





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- Knowledge of multisite trials and performing field measurements (e.g. pest and disease resistance, pollination, harvesting and phenotypic assessment) (25 points);
- interpersonal skills and experience in integrating national and international multidisciplinary work teams (25 points)
- Skills in organizing field teams (10 points)
- Advanced knowledge of oral and written English as well as Portuguese (15 points)

Performance in an oral interview (10 additional points), to be held in case of a tie between the candidates with the best scores in the evaluation of the previous criteria. The interview should allow for a refined evaluation of the following criteria: motivation of the candidate; verbal and written fluency in English; autonomy and initiative; capacity for analysis and critical sense.

Composition of the Jury:

The jury responsible for the selection process will consist of:

Professor Doutor Pedro Mendes Moreira (IPC project manager) (Chairman); Professor Doutor Daniela Valente Simões dos Santos (Member); Professor Doutor Maria Isabel Ribeiro Dinis (Member), and as alternate members Professor Doutor Cristina Isabel Cabral Galhano (alternate member); Professor Doutor Manuela Abelho (alternate member).

Documents to be submitted:

Applications must include the following documents:

- Duly completed application form, available on the website dedicated to this competition procedure - https://www.ipc.pt/bupc/concursos/form/concursos_bolseiros ;
- Letter of motivation of the candidate addressed to the President of the jury;
- The dated and signed curriculum vitae;
- Copy of the qualifications certificates
- Candidates holding foreign qualifications must prove their academic degree and foreign diploma in accordance with Decree-Law No. 66/2018, of August 16;





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Deadline for the reception of applications:

It will be 10 working days, between 09/01/2024 to 22/01/2024.

Candidates must access and register on the website:

https://www.ipc.pt/bupc/concursos/form/concursos_bolseiros

to submit the application, selecting the procedure for which they intend to apply.

Applications must be delivered exclusively in digital format, in portable document format (pdf), with the exception of documents whose delivery is scheduled in other digital formats.

Application instructions are completed by filling in the sections available at the aforementioned email address.

When formalizing the application, if it contains a classified document that reveals commercial or industrial secrets, or secrets relating to literary, artistic or scientific property, the candidate must expressly indicate such reservation, under penalty of the work in question being freely accessed by any one of the other candidates, in consultation with the process.

When submitting the application, the candidate must provide the data strictly necessary for the purpose, under the terms of this public notice, and must hide personal data that may exist in the documentation submitted, otherwise these data may be freely accessed by any of the other candidates, in the process query.

Applicable legislation and regulations:

The award of this scholarship is based in the Law 40/2004, of the 18th of August (Statute of the Scientific Research Fellow), changed and republished by the Decree-Law 202/2012, of the 27th of August, updated by: Decree-Law 233/2012, Law 12/2013, Decree-Law 89/2013 and Decree-Law 123/2019; the Regulation of the research scholarships from the Fundação para a Ciência e a Tecnologia, I. P. and the Regulation of Research Fellowship of the Polytechnic Institute of Coimbra, approved by Dispatch n.º 5963/2020, published in the 2nd series of the DR of 1 June.

The model for the scholarship contract and the final reports to be prepared by the scholarship holder and the scientific supervisor are those set out in the annexes to the above-mentioned Statute for Scientific Research Scholarship Holders.

Form of publication/notification of results:





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The results of the evaluation will be publicised, through a list ordered alphabetically, by final grade obtained, posted in a visible and public place in the School of Agriculture of the Polytechnic Institute of Coimbra, showcase allocated to the Human Resources of ESAC, in Block B), and all candidates will be notified, for the purposes of prior hearing of interested parties, via email.

For further information please contact:

Pedro Mendes Moreira through email: pmm@esac.pt

Coimbra, 18th december 2023

