

PUBLIC NOTICE OF A RESEARCH SCHOLARSHIP FOR LICENCE DEGREE (BI)
Reference IPC-IIA/BioComp_3.0/BI_Lic.1
CONTEST CODE – PRBI/14/2023

A call for applications is open for a Research Scholarship (BI) within the scope of the project "BioComp_3.0 - Production of organic compounds for organic farming promoting water hyacinth control and the recovery of agricultural, forestry and industrial by-products" project, with operation code No. 18/C05-i03/2022 - PRR-C05-i03-I-00022 (Organic Fertilizers: promoting the development of organic fertilizers, local composting, increasing fertility, increasing soil fertility, increasing the use of organic fertilizers). No. 18/C05-i03/2022 - PRR-C05-i03-I-000224 (Organic fertilizers: promoting the development of organic fertilizers, local composting, increasing soil fertility, soil structure, microbiome and soil resilience, carbon sequestration, reduction of air pollution, management and protection of water quality and ecosystems), funded through the Recovery and Resilience Programme (PRR) - Investment C05-i03 - Research and innovation agenda for the sustainability of agriculture, food and agro-industry".

The purpose of the scholarship will be to implement and develop the following activities:

- 1- Physico-chemical characterization of by-products from agricultural, urban, agro-industrial and forestry activities with the potential to be composted and of organic compounds resulting from the industrial composting process.
- 2- Study the best combinations for valorizing water hyacinth waste and by-products using the composting technique.
- 3- Monitoring the industrial composting process.
- 4- Support in writing technical activity reports.
- 5- Support in dissemination activities for the project and its results.

Generic scientific area: Environment, Chemistry and Agriculture

Specific scientific area: Environment.

Requirements

The candidate must:

- Have a degree in Chemistry, Environment, Agriculture or similar areas;
- Be enrolled in a master's or in an integrated master's degree, or enrolled in non-conferring courses of academic degree integrated in the educational project of a higher education institution; If enrolled in a non-academic course, the applicant may not exceed, with the conclusion of the scholarship contract in question, including possible renewals, an accumulated period of two years in that type of scholarship, followed or interpolated, in accordance with Article 6(5) of the FCT Regulation.

With experience in:

- a) Wastes valorization
- b) Carrying out chemical and microbiological soil analysis in the laboratory;

Work plan

The work plan will be developed at Escola Superior Agrária of Polytechnic University of Coimbra (PUC), within the scope of the BioComp_3.0 LA5.1 project.

The scholarship holder will assist and take part in: (i) physical-chemical characterization of the by-products of agricultural, urban, agro-industrial and forestry activities with potential to be composted and of the organic compounds resulting from the industrial composting process; (ii) study of the best combinations for the valorization of water hyacinth waste and by-products using the composting technique; (iii) monitoring of the industrial composting process; (iv) support in the writing of technical activity reports; (v) support in dissemination activities for the project and its results.

Scholarship length

The scholarship will last for 6 (six) months, starting on January 2, 2024, non-renewable, on an exclusive basis, in accordance with the PUC Fellow Regulation, approved by Order No. 5963/2020, published in the 2nd series of the DR of June 1st, and Regulation No. 950/2019, of December 16th (FCT Research Grant Regulations, I.P.).

Monthly Maintenance Allowance

930.98 euros, according to the table of scholarship amounts awarded by FCT to positions held in Portugal. The payment will be made by bank transfer. To this amount is added the voluntary social insurance corresponding to the first tier, and a workplace accident insurance contract.

Workplace

The work will be developed at the Escola Superior Agrária de Coimbra, of the Polytechnic Institute of Coimbra, under the scientific guidance of Prof. Doctor Daniela Santos and Doctor Verónica Oliveira.

Selection Criteria

The criteria for evaluating applications are as follows:

- Curriculum assessment (50%);
- Experience in laboratory work (30%);
- Experience working in a team (5%);
- Motivation of the candidate to participate in the project (15%).

There may be an assessment through an interview if it is necessary to break a tie between candidates.

Jury Composition

The jury responsible for the selection process will be made up of Professor Doctor Daniela Santos (President), Professor Doctor Carla Rodrigues, Researcher Doctor Verónica Oliveira (Effective

Members), and Professor Doctor Hélia Marchante and Professor Doctor Susana Dias (Substitute Members).

Documents to be presented

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 ;
- Copy of the qualification certificates. Applicants with foreign qualifications must provide proof of their foreign academic degree and diploma in accordance with Decree-Law no. 66/2018 of 16 August;
- Document proving enrolment and registration in the master's degree or non-degree course;
- Letter of motivation from the candidate addressed to the President of the jury;
- Dated and signed *curriculum vitae*;
- Identification, residence, identification document number and tax identification number.
- Declaration under commitment of honor, in which, if enrolled in an ongoing not conferring academic degree, the applicant does not exceed, with the conclusion of the scholarship contract in question, including possible renewals, an accumulated period of two years in that type of scholarship, followed or interpolated, in accordance with Article 6(5) of the FCT Regulation

None of the previously referred documents can be submitted after the deadline presented in this scholarship offer.

Deadline for applications submission

It will last 10 working days, between 07/12/2023 and 21/12/2023.

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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.

Method of notifying results

The final results of the evaluation will be published, through an alphabetically ordered list, by sending a communication to the candidates, via email. After the publication of the results, the candidates will be notified so that, if they wish, they can express their opinion at a prior hearing within a maximum period of 10 working days after that date. After this period, the selected candidates will have to declare, in writing, their acceptance. Unless reasonable justification is presented, failure to provide a statement within the regulatory period is equivalent to resigning from the scholarship. In case of resignation or withdrawal of the selected candidate, the candidate with the highest ranking will be notified.

For further information contact Professor Doctor Daniela Santos, via email: dsantos@esac.pt

Coimbra, 20th of November 2023