

CALL FOR ONE RESEARCH FELLOWSHIP

Reference: I2A – KOOLBIOCHAR/04

Polytechnic of Coimbra opens a call for one **Research fellowship**, in the framework of the KOOLBIOCHAR project “Novas formulações de TPS para aplicações agrícolas” (reference: CENTRO-01-0247-FEDER-113453), co-financed by the European Regional Development Fund, through Portugal 2020 (PT2020), and by the Competitiveness and Internationalization Operational Programme (COMPETE 2020) as follows:

The aim of the Research Scholarship is to implement and develop the following Project activities:

- 1) Execution of performance tests and evaluation of agronomic efficiency;
- 2) Participation in the scale up for the production of new formulations;
- 3) Support the assessment of the impact on the environment of the formulations developed;
- 4) Prepare technical and scientific articles;
- 5) Participation in scientific congresses.

Generic Scientific Area: Environmental Sciences and/or Engineering, Chemistry or similar

Specific Scientific Area: Environmental Sciences and/or Engineering, Chemistry or similar

Requirements:

The candidate must meet the following requirements:

- 1) Hold a PhD degree in Environmental Science and/or Engineering, Chemistry or similar (to be proved with a diploma or declaration from the entity that awarded the degree - failure to present proof implies non-admission to the scholarship competition).
- 2) This BPD is intended for doctorates whose academic degree was obtained less than three years ago, to carry out advanced research work.
- 3) The BDP can only be awarded when, cumulatively: a) The research work that led to obtaining the PhD degree has not been carried out in the Organic Unit of the IPC that promotes the Scholarship; b) Research activities do not require post-doctoral experience; c) The research activities have a period of development and execution equal to or less than three years; d) The scholarship holder does not exceed, with the conclusion of the contract, an accumulated period of three years in that condition, consecutive or interpolated.

- 4) Be fluent in oral and written English (to be proved with a declaration on honor that must be submitted as an integral part of the application).

Work plan:

The work plan to be developed within the scope of the project consists of: (i) Execution of performance tests and evaluation of agronomic efficiency. (ii) Participation in the scale up to produce the new formulations. (iii) Support the assessment of the impact on the environment of the formulations developed. (iv) Prepare technical and scientific articles. (v) Participation in scientific conferences.

Scholarship period:

The scholarship lasts for a maximum of 5 months, on an exclusive basis, in accordance with Regulation n. 9/950/2019, 16th December (FCT Regulation for Studentships and Fellowships), scheduled to start in February 2023 and ending on 30/06/2023. The fellowship may be renewed until the final date of the project, if this is established beyond the initial period of the grant.

Monthly Maintenance Allowance:

1,686.00 euros, according to the table of values of Research Grants in the Country awarded by FCT, I.P. Payment is made monthly by bank transfer.

In addition to this value, the voluntary social insurance corresponding to the first year is added, if the candidate opts for the respective registration, with personal accident insurance also taking place.

Workplace:

The work will be developed at the Escola Superior Agrária de Coimbra of the Polytechnic of Coimbra, under the scientific supervision of Professor Maria Filomena Miguens and Doctor Verónica Oliveira.

Selection criteria:

The evaluation criterion, focusing on the candidates' merit, comprises the following parameters according to the following formula:

Final Classification = Experience in R&D projects (5 points) + Scientific publications, giving particular importance to publications that fit into the activities to be developed, valuing publications indexed in the SCOPUS database (5 points) + Experience in conducting field trials (10 points) + Organizational and systematization of data and analysis of results using analysis software tools (5 points) + Experience in writing technical reports and scientific articles (5 points).

Jury Composition:

The jury responsible for the selection process will be composed by:

Maria Filomena Miguens (President); Daniela Santos (Member); Verónica Costa Oliveira (Member); Jorge Varejão (Member);,; Carla Rodrigues (Alternate Member); Célia Maria Dias Ferreira (Alternate Member).

Documents to be presented:

Applications must include the following documents:

- Letter of application for the scholarship, addressed to the President of the jury.
- Dated and signed curriculum vitae, evidencing the candidate's experience
- Photocopy of certificates of qualifications or declarations.
- Proof of enrollment as a PhD student or in a non-academic degree course (for candidates who do not have a PhD degree).
- Declaration on honor of fluency in English, oral and written.

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

Deadline of Applications Submission:

The application period will be of 10 working days, between 18 January and 6 february 2023.

Applications should be sent by email to bolsas.investig@ipc.pt, indicating the fellowship reference (mandatory): **I2A – KOOLBIOCHAR/04**.

Legislation and applicable Regulation:

The award of this scholarship is based in the Law 40/2004, of the 18th of August (Estatuto do Bolseiro de Investigação Científica), 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 the Research Scholarships from Coimbra Polytechnic Order nº 5963/2020.

Information of Results:

The final results will be published at the latest 90 working days after the deadline for application, in alphabetic order linked with the final grade and publicly displayed at Escola Superior Agrária de Coimbra, vitrine of the Human Resources ESAC, in Block B, located in Bencanta, Coimbra, Portugal. All candidates will be previously notified, by e-mail.

According to the terms of the Administrative Procedure, the applicants will have 10 working days, after the release of the results, to pronounce themselves under the frame of prior hearing.

Whenever the number of interested candidates to be heard is so high that the prior hearing becomes impracticable, this is replaced by a public consultation, carried out under the terms and within the deadlines provided in nº 2 of article 37º of the Decree- Law Nº 63/2019, of 16th May. The final decision must be taken within a maximum period of 60 working days after the conclusion of the prior hearing of interested parties or of the public consultation.

For further information please contact:

Maria Filomena Miguens (e-mail: filomenam@esac.pt)

Coimbra, 13th January 2023