

PUBLIC NOTICE FOR A RESEARCH SCHOLARSHIP

Reference i2a-CERNAS/Verão com Ciência/BII 5

IPC/ i2A is now accepting applications to award 1 Research Initiation Scholarship (BII) within the scope of the project, “Verão com Ciência” approved by FCT, on 28/6/2022, within the scope of special support for scientific and technological research activities in R&D units to enhance scientific and technological capacity and its relationship with higher education and society, at UID 681 - Centro de Estudos de Recursos Naturais Ambiente e Sociedade (CERNAS), financed by Fundação para a Ciência e a Tecnologia (FCT), under the following conditions:

1. The aim of the Research Initiation Scholarship is

Performing physical, chemical and biological analyses for characterization of livestock effluents;

Collecting and analyzing NH₃, N₂O, CO₂ and CH₄ flux data from the developed pilot biofilter evaluation system.

Generic Scientific Area: Agronomic Sciences

Specific Scientific Area: Livestock Effluents

2. Requirements

The candidate:

- Must be enrolled in a professional higher technical course, a degree, an integrated master's or a master's degree, aiming at the beginning of its scientific training through the integration in R&D projects, in the scientific area of Agronomic Sciences and similar;
- May also be a graduate enrolled in a course not awarding an academic degree integrated in the educational project of a higher education institution, developed in association or cooperation with one or more R&D units.
- Cannot exceed, with the conclusion of the scholarship contract in question, an accumulated period of one year in this scholarship typology, followed or interpolated.

- Cannot have benefited from research grants directly or indirectly financed by the FCT, awarded under the terms of the Research Grant Holder Statute.

3. Work Plan

(i) laboratory work, to perform physical, chemical and biological analyses to characterize the organic waste; (ii) collection and analysis of the results obtained; (iii) support in the tasks of data collection and validation of the NH₃, N₂O, CO₂ and CH₄ fluxes from the pilot biofilter evaluation system developed; (iv) support in the production of publications.

4. Scholarship Length

The scholarship lasts for one month, starting on 31.08.2022 and ending on 30.09.2022.

5. Monthly Maintenance Allowance

486,12 Euros, according to the table of scholarship awarded by FCT to positions held in Portugal (www.fct.pt/apoios/bolsas/valores). The payment will be made by bank transfer.

6. Workplace

The work will be developed mainly at Agrarian School of Viseu of the Polytechnic of Viseu under the supervision of Catarina Coelho and Adelaide Pardigão.

7. Selection Criteria

- Academic assessment (50%);
- Experience in field work (20%);
- Experience in laboratory work (20%);
- Teamwork experience (5%);

- Candidate's motivation to participate in the project (5%).

8. Jury of Selection

The jury responsible for the selection process is composed by 3 effective Professors and 1 substitute Professor.

Effectives:

Professor Catarina Coelho

Professor Adelaide Perdigão

Professor José Luís Pereira

Substitute:

Professor Francisco Marques

9. Mandatory Documents

The applications must include the following documents:

- Academic qualifications certificate;
- Proof of enrollment in a degree-granting or non-degree course;
- Motivation letter addressed to the President of the jury;
- Curriculum vitae.

10. Deadline of Applications Submission

The application period will be of 5 working days, from 25/07/2022 until 29/07/2022.

Applications should be sent by email to bolsas.investig@ipc.pt, indicating the fellowship reference (mandatory): i2a-CERNAS/Verão com Ciência/BII 5.

11. 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. (Regulation n.º 950/2019, of 16th december, changed by the Regulation n.º 643/2021, of 14th July) and the Regulation of the Research Scholarships from Coimbra Polytechnic, Order n.º 5963/2020, of 1st of June.

12. Information of Results

All candidates will be 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 the prior hearing.

For further information please contact

Professor Catarina Coelho by the email ccoelho@esav.ipv.pt , indicating the reference of fellowship (mandatory): i2a-CERNAS/Verão com Ciência/BII 5.

Coimbra, July 2022