

## **PUBLIC NOTICE FOR A SCIENTIFIC INITIATION STUDENTSHIP**

**Reference IPC/CERNAS/2024/01**

IPC/ i2A is now accepting applications to award 1 **Scientific Initiation Studentship** (BII) within the scope of the project CERNAS, reference FCT/MCTES-Refª UIDB/00681/2020, of the Instituto Politécnico de Coimbra, funded by Regulamento de Avaliação e Financiamento Plurianual de Unidades de I&D, as follows:

**Generic scientific area:** Engineering Sciences and Technology

**Specific scientific area:** Food Engineering and Technology

### **Requirements:**

- A. Enrolment in a bachelor's or master's degree in Food Technology, Food Biotechnology or similar or in a non-degree course;
- B. If the candidate holds a higher education degree obtained abroad, he/she must have the respective degree recognition, if applicable;
- C. Proficiency in English;
- D. With experience in
  - a) Analysis of biological products
  - b) Processing of biological products.

### **Work Plan:**

The work plan consists of evaluating the rheological properties of hydrated legume (particularly bean) and corn flours, carrying out 3D printing tests on mixtures of these flours and evaluating the physical properties of printed foods.

### **Scholarship Length:**

The scholarship, on an exclusive basis, has a duration of 7 months, non-renewable, on an exclusive basis, in accordance with the Research Grant Regulations of the Fundação para a Ciência e Tecnologia, I.P. in force when permitted by regulation, scheduled to start on 01/06/2024 and finishing on 31/12/2024.

### **Monthly Maintenance Allowance:**

601,12 euros, according to the table of scholarships amounts awarded by FCT to positions held in Portugal ([https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM\\_atualizacao-2024.pdf](https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf)). The payment will be made by bank transfer monthly, to the account to be designated by the Fellow. 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 Escola Superior Agrária de Coimbra, under the scientific supervision of Rui Manuel Machado da Costa.

### **Selection Criteria:**

Applications will be assessed through:

- a) Academic assessment (50%)
- b) Experience in laboratory work (30%)
- c) Candidate's motivation to participate in the project (20%).

### **Jury of Selection:**

President: Prof. PhD Rui Manuel Machado da Costa

Vogals: Prof. PhD Goretí Botelho

Prof. PhD Kiril Bachvandziev

Substitutes: Prof. PhD Susana Dias

Prof. PhD Pedro Moreira

### **Mandatory documents:**

- a) Applications must include the following information:
- b) Duly completed application form, available on the website dedicated to this competition procedure - [https://www.ipc.pt/bupc/concursos/form/concursos\\_bolseiros](https://www.ipc.pt/bupc/concursos/form/concursos_bolseiros) ;
- c) Residence, identification, identification document number and tax identification number.
- d) Motivation letter;
- e) *Curriculum Vitae*;
- f) Document proving enrolment and registration in the master's degree or non-degree course;
- g) Document(s) proving that the candidate hold the academic degree and/or diploma(s) required in the competition. Applicants with foreign qualifications must provide proof of their foreign degree and diploma in accordance with Decree-Law no. 66/2018, of 16 August;

### **Deadline of Application Submission:**

The application period will be of 10 working days, starting on 22/05/2024 and ending on 04/06/2024.

Candidates must access and register on the website: [https://www.ipc.pt/bupc/concursos/form/concursos\\_bolseiros](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 link.

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.

**Legislation and applicable Regulation:**

The award of this fellowship is based on 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 Polytechnic of Coimbra Order nº 5963/2020.

**Information of Results:**

The results of the evaluation will be published within 90 working days from the deadline for submission of applications, by sending a communication to the candidates, via email. After the results have been published, candidates will be notified to, if they wish, give their opinion in a prior hearing within a maximum of 10 working days after that date. After this deadline, the selected candidates will have to declare their acceptance in writing. Unless a justifiable reason is provided, failure to make the declaration within the deadline will be considered as a waiver of the scholarship. In case of resignation or withdrawal of the selected candidate, the immediately best ranked candidate will be notified.

**For further information please contact:** [bolsas.investig@ipc.pt](mailto:bolsas.investig@ipc.pt)

Coimbra, May of 2024