

PUBLIC NOTICE FOR A RESEARCH SCHOLARSHIP
Reference i2A-LIC-BeirInov-CENTRO-01-0247-FEDER-113492

IPC/i2A is now accepting applications to award 1 **Research Scholarship** (BI) within the scope of the project "**BEIRINOV- Sustainability of the value chain of meat products**" operation code CENTRO-01-0247-FEDER-113492, funded by FEDER through CENTRO-2020/Portugal 2020, as follows:

1-The aim of the Research Scholarship is to follow the next Project Tasks:

- 1-Investigation and development of alternative food preservation strategies, namely through biopreservation and reduction/elimination of synthetic preservatives in meat and meat products.
- 2-Evaluation of Food safety characteristics of newly developed meat products and of their nutritional and sensory characteristics.
- 3-Production of cured/cooked meat products with partial substitution of nitrates/nitrite and phosphates by natural extracts and addition of antioxidant and antimicrobial natural agents.

Generic Scientific Area: Food Science, Biotechnology, Industrial Chemistry

Specific Scientific Area: Food Science

2-Requirements:

- Being a graduate in Food Technology; Food Engineering, Biotechnology, Industrial Chemistry, Chemistry or Biochemistry or related areas;
- and to be a Master student, a PhD student or being a graduate or a Master enrolled in a course not conferring academic degree.

Experience in research work related to food science sciences will be valued as specified in the selection criteria

3-Work Plan:

The scholar will do the following tasks:

- 1-Investigation and characterization of new materials, techniques, processes and innovative solutions of food preservation through the use of bioproducts (Period: September 2021 – July 2022);
- 2-Investigation and development of sustainable Food preservation processes through the use of natural products (Period: February 2022-August 2022).

4-Scholarship Length:

12 months, renewable for 11 months, on an exclusive basis, in accordance with the Regulation of Research Grants of the Fundação para a Ciência e Tecnologia, I.P. The Scholarship is scheduled to begin on September 2021, and end on August 2022.

5-Monthly Maintenance Allowance: 835,98 euros, according to the table of scholarship amounts awarded by FCT to positions held in Portugal (www.fct.pt/apoios/bolsas/valores). 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.

6-Workplace:

The work will be developed mainly at Escola Agrária of the Coimbra Polytechnic, with sporadic trips out related to the project research development or results reporting, under the supervision of José Dias Pereira.

7-Selection Criteria:

The selection will be made based on the curriculum evaluation and the merit of the candidates assessed, considering the academic training, the *curriculum* profile, the experience of scientific research and number of scientific publications. The

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knowledge of English and Portuguese languages will be considered. In case of a tie, the candidate with more publications in indexed journals will be selected. An interview will be held if the jury considers it necessary.

$$\text{Final Grade}^1 = 20^*(F) + 30^*(L) + 20^*(I) + 30^*(P)$$

¹ - Academic education [A], Lab. experience [L], Research experience [R], Publications [P]

F = 1.0 if graduated in the following areas: Food Technology; Food Engineering, Biotechnology or Industrial Chemistry;
F = 0.5 if graduated in the following areas: Chemistry or Biochemistry;
F = 0.2 if graduated in the following areas: Agronomy and Pharmaceutical Sciences.

L = 1.0 if 24 or more months of analytical laboratory work
L = 0.5 if more than 12 and less than 24 months of analytical laboratory work
L = 0.2 if less than 12 months of analytical laboratory work

R = 1.0 if member of a research team of a Scientific Project for more than 24 months
R = 0.5 if member of a research team of a Scientific Project for more than 6 and less than 24 months
R = 0.2 if member of a research team of a Scientific Project for more than 1 and less than 6 months

P = 1.0 if authored or co-authored 5 or more scientific papers in indexed journals (Scopus or ISI Web of Science)
P = 0.5 if authored or co-authored 2-4 scientific papers in indexed journals (Scopus or ISI Web of Science)
P = 0.2 if authored or co-authored 1-2 scientific papers in indexed journals (Scopus or ISI Web of Science)

8-Jury of Selection:

The jury responsible for the selection process is composed by PhD Professors 3 effectives and 2 substitutes
Effectives:

Professor(a) Doutor(a) Carlos José Dias Pereira;
Professor(a) Doutor(a) Susana Maria Pereira-Dias;
Professor(a) Doutor(a) Marta Helena Fernandes Henriques.

Substitutes:

Professor(a) Doutor(a) João Filipe Marques Gândara;
Professor(a) Doutor(a) Fernanda Maria Lopes Ferreira.

9-Mandatory Documents:

The applications must include the following documents:

- Motivation letter addressed to the jury President (Professor Luísa Chambel Leitão Martin);
- The *curriculum vitae* (CV) dated and signed;
- Copy of all certificates and diplomas mentioned in the CV;
- First page of every publication mentioned on the CV.

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

10-Deadline of Applications Submission:

The application period will be of 10 working days, starting on July 30th and ending on August 12th, 2021.

Applications should be sent by email to bolsas.investig@ipc.pt, indicating the fellowship reference (mandatory): **Reference i2A-BeirInov (CENTRO-01-0247-FEDER-113492)**

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. and the Regulation of the Research Scholarships from Coimbra Polytechnic Order nº 5963/2020

12-Information of Results:

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**Politécnico
de Coimbra**



The final results will be published in alphabetic order linked with the final grade and publicly displayed at Escola Agrária de Coimbra in the showcase of Human Resources, in Block B). 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 the prior hearing.

For further information please contact:

Carlos Pereira (cpereira@esac.pt), indicating the reference of fellowship (mandatory): **Reference i2A-BeirInov (CENTRO-01-0247-FEDER-113492)**

Coimbra, July 2021

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