

INTERNATIONAL SELECTION APPLICATION PROCEDURE FOR HIRING A DOCTORATE DEGREE PURSUANT TO DECREE-LAW NO. 57/2016, OF AUGUST 29, IN ITS CURRENT WORDING, IN THE SCOPE OF BLUE BIOECONOMY PACT AGENDA, VERTICAL FOOD – CANNING OF HEALTHY, NUTRITIOUS AND INCREASED VALUE SEAFOOD

Notice n.º13292/2023

1. Under the terms of Decree-Law No. 57/2016, of August 29, in its current wording, it is made public that, by resolution of the Board of Directors of IPMA, I.P., dated 5/23/2023, recorded in the minutes n.º 47/2023, the opening of one tender procedure for international selection was authorized - applications must be submitted within 10 (ten) working days - for a position as a doctoral researcher, with a work contract in public functions for a fixed term, for a period of three years, with a view to carrying out administrative management and research activities within the scope of the Blue Bioeconomy Pact Agenda, vertical FOOD, in the regime of exclusive dedication.

2. The PRR Blue Bioeconomy Pact Agenda, vertical FOOD, has, among other objectives, the development of new products for the canning industry that allow leveraging the competitiveness of companies in the national sector, such as canned products with less liquid coverage, canned products with ingredients to improve flavour (for example algae water extracts and microencapsulates of aromatic plants and spices), canned products based on undervalorized fish species with and without macroalgae, reinforced with bioactive compounds, in different topping sauces and different formats, salt-reduced preserves, and meal-type canned products.

2.1 The duties inherent to the job are as follows:

- a) Develop, adapt and validate analytical techniques for the analysis/characterization of macroalgae, fish, extracts and microencapsules from a physical-chemical and microbiological point of view (including the assessment of stability/sterility, and at the level of aromatic amines, presence of contaminants and nutritional value);
- b) Optimize the incorporation (injection, immersion and addition) of ingredients selected using tuna as a model;
- c) Investigate salt reduction/replacement strategies based on alternative salts and flavor enhancing ingredients (aqueous and microencapsulated extracts), testing different formulations;

- d) Investigate, formulate and develop preserves based on undervalued fish species using natural ingredients (eg macroalgae, microencapsulated), in different topping sauces and in different formats;
- e) Develop meal-type preserves, adapted to different segments of the population;
- f) Scale-up and pilot-scale production of previously developed products considered more promising, such as a) preserves with less covering liquid; b) preserved with extracts and microencapsulated; c) preserves based on undervalued fish species, with and without macroalgae, reinforced with bioactive compounds, in different topping sauces and in different formats; d) preserves with reduced salt; and e) meal-type preserves;
- g) Evaluate the products developed in terms of stability, sterility, safety, nutritional and sensory values, and analyse the packaging from the point of view of format, size and labeling;
- h) Participate in meetings of national and international working groups within the scope of the activities foreseen in the project;
- i) Prepare and submit scientific articles, including national and international project reports;
- j) Supervise master's and doctoral students;
- k) Prepare applications for national and international research projects;
- l) The candidate must be available to work on weekends and holidays (whenever necessary), as well as to travel between Lisbon (IPMA-Algés) and COFISA (Figueira da Foz and Olhão).

3. Applicable legislation:

- a)** Decree-Law no. 57/2016, of August 29, amended by Law no. all areas of knowledge (RJEC);
- b)** General Labor Law in Public Functions (LTFP), approved as an annex to Law No. 35/2014, of 20 June, in its current wording;
- c)** Regulatory Decree No. 11-A/2017, of December 29.

4. Pursuant to article 16 of the RJEC, this tender procedure is exempt from:

- a)** Authorization of the members of the Government responsible for the areas of finance and Public Administration, namely the one referred to in paragraph 3 of article 7 of the LTFP,
- b)** Obtaining the prior favorable opinion referred to in paragraph 5 of article 30 of the LTFP and
- c)** The procedure for recruiting workers in a situation of professional development, in article 265 of the LTFP.

5. Only national, foreign and stateless candidates who hold a PhD in Food Sciences and Technologies, Gastronomic Sciences, Development of new products, Food engineering,

Chemical Engineering, Nutritional Sciences, Biochemistry can compete for the competition, under penalty of exclusion. , Biological Sciences, Veterinary Sciences, or related areas.

6. Those who, under the terms of Decree-Law No. 66/2018 of 16 August - which approved the legal regime for the recognition of academic degrees and higher education diplomas awarded by foreign higher education institutions - have also recognized the academic degree or higher education diploma awarded by foreign higher education institutions.

7. Remuneration is fixed in accordance with the provisions of article 15 of the RJEC in conjunction with article 2 of Regulatory Decree No. 11-A/2017, of December 29, corresponding to remuneration level 33 of the single remuneration table (TRU), approved by Ordinance No. 1553-C/2008, December 31, which corresponds, in 2023, to the monthly amount of € 2,175.48, plus the meal, holiday and Christmas subsidy.

8. Workplace: IPMA - Algés, at Avenida Doutor Alfredo Magalhães Ramalho, n.º 6; 1495-165 Algés (DivAV).

9. Under the terms of article 5 of the RJEC, selection is carried out through the evaluation of the scientific and curricular path of the candidates, considering the following parameters (0 to 20 values), in an additive form, and broken down to tenths, with emphasis on Proven professional experience in:

- a) Participation in project management;
- b) Processing of biological samples;
- c) Analysis of quality parameters and food safety of fishery and aquaculture products;
- d) Determination of microbiological and physical-chemical parameters;
- e) Development of new food products;
- f) Knowledge in the area of food production in catering and in an industrial environment;
- g) Work in a multidisciplinary team.

Parameter:	Classification:
Scientific, technological, cultural or artistic production of the last five years considered most important by the candidate and relevant to the job position	7 points
Applied research activities, or based on practice, developed in the last five years and considered of greater impact by the candidate and relevant to the	7 points

job position	
Extension and dissemination of knowledge activities carried out in the last five years, namely in the context of promoting culture and scientific practices, considered of greater relevance by the candidate and relevant to the job position	3 points
Science, technology and innovation program management activities, or experience in observing and monitoring the scientific and technological system or higher education, in Portugal or abroad	3 points

10. The evaluation of the candidate's scientific and curriculum path can be completed by interview, whenever the jury so decides.

The interview does not constitute a selection method and is not classified, aiming only at obtaining clarifications or explanations of elements contained in the candidates' curricula.

11. In accordance with article 13 of the RJEC, the jury of the competition has the following composition:

President: Doctor António Manuel Barros Marques, Assistant Researcher at the Aquaculture, Valorization and Bioprospecting Division of IPMA, I.P.;

Effective members: Doctor Amparo Celeste Gonçalves, Assistant Researcher at the Aquaculture, Valorization and Bioprospecting Division of IPMA, I.P.;

Doctor Ana Luísa Marques Paixão de Carvalho Maulvault, Doctorate Researcher at the Aquaculture, Valorization and Bioprospecting Division of IPMA, I.P.;

Substitute members:

Doctor Narcisa Maria Mestre Bandarra, Investigadora Auxiliar, Head of the Aquaculture, Valorization and Bioprospection Division of IPMA, IP;

Doctor Patrícia Anacleto, Assistant Researcher at the Aquaculture, Valorization and Bioprospecting Division of IPMA, I.P.

12. The jury deliberates through nominal voting based on the selection criteria adopted and disclosed, abstentions not being allowed.

13. Minutes are drawn up at the jury meetings, which contain a summary of what happened in them, as well as the votes cast by each of the members and the respective grounds, which are provided to candidates whenever requested.

- 14.** The final deliberation of the jury requires approval by the Board of Directors of IPMA, IP.
- 15.** The deadline for submitting applications for the procedure is 10 working days, counting from the day following the publication of this notice on the Public Employment Exchange (BEP).
- 16.** The application must be accompanied by the following documents:
- a) Form available on the IPMA, IP website, which must expressly indicate which reference(s) you are applying for;
 - b) Copy of certificate or diploma attesting the degree of Doctor (or equivalent);
 - c) Doctoral thesis;
 - d) Detailed and updated *Curriculum Vitae*;
 - e) Other documents that the candidate considers relevant for the evaluation of his/her scientific and curricular path.
- 17.** Candidates must submit the documents, preferably in digital format, in PDF format, to the email address recruitment@ipma.pt, in person at Rua C ao Aeroporto de Lisboa, 1749-077 Lisboa, during office hours (10am /16h), or by post to the same address.
- When sent by post, the mail must be registered, with acknowledgment of receipt, sent by the last day of the tender opening period.
- 18.** Are excluded from the procedure:
- a) Candidates who incorrectly formalize their application or who do not prove the required requirements.
 - b) Candidates who do not submit the application, do not submit the documentation or submit documentation that is illegible, incorrectly completed or invalid.
 - c) Candidates who do not indicate the reference(s) for which they are applying.
- 19.** The jury has the power to require any candidate, in case of doubt, to present supporting documents for their declarations.
- 20.** False statements made by candidates will be punished under the terms of the law.
- 21.** The lists of admitted and excluded candidates, as well as the final classification lists, are published on the website <http://www.ipma.pt/pt>, and candidates are notified by email with delivery receipt of the notification.

22. Pursuant to article 121 of the Code of Administrative Procedure, after notification, candidates have 10 working days to respond in writing. Within 90 days, counting from the deadline for submitting applications, the final decisions of the jury are issued.

23. This competition is exclusively intended to fill the vacancy indicated, and may be terminated until the approval of the candidates' final ranking lists and expiring with the respective occupation of the jobs on offer.

24. IPMA, IP actively promotes a policy of non-discrimination and equal opportunities and access to employment, in line with Article 9 of the Constitution.

25. The jury approved this notice at the meeting held on 6/5/2023.