

## **POST-DOCTORAL RESEARCH GRANT (BIPD) (1 vacancy)**

**Reference:** MOBFOOD/BPD/2020-026

A competition is open for the attribution of 1 Post-Doctoral Research Grant in the framework of project *MOBFOOD - Mobilização de conhecimento científico e tecnológico em resposta aos desafios do Mercado agroalimentar*, with reference 24524 (10/SI/2016 - I&DT Empresarial - Programas Mobilizadores), supported by the European Regional Development Fund (ERDF) and by the European Social Fund (ESF), according to the following conditions:

**1. Scientific area:** Biotechnology

### **2. Admission requirements**

The candidate should have:

- 1) A PhD degree, obtained in the last three years, in a different host institution, in the field of Biotechnology, Food Science, Biochemical, Biological or Biomedical Sciences, Veterinary Science or in a related field and meet the requirements of at least one of the paragraphs below;
- 2) Experience in bioactivity screening or molecular effects of compounds, including chemical analysis of biological materials;
- 3) Technical and scientific knowledge on muscle structural properties and flesh quality traits;
- 4) Scientific knowledge of intestinal function, in particular intestinal integrity and microbiome;
- 5) Technical and scientific knowledge on fish nutrition and aquaculture;
- 6) Capacity to perform molecular biology techniques autonomously;
- 7) Demonstrated capacity to perform data analysis, including Principal Component Analysis (PCA), prepare reports and write manuscripts;

In the event the doctorate degree was awarded by a foreign higher education institution, said degree must comply with the provisions of Decree-Law no. 66/2018 of 16th August until the signature of the contract.

### **3. Work plan:**

Cofinanciado por:

The candidate will be responsible for the development and implementation of strategies to evaluate and valorize agro-food by-products. The successful applicant will strengthen existing national collaborations and networks with industrial partners, but should also create new initiatives to support and manage new research activities. The candidate will be particularly involved in the development and evaluation of the nutritional value and bioavailability of nutrients in several ingredients using a market-oriented approach. The impact of bioactive compounds on fish intestinal integrity and function will be evaluated, as well as their impact on flesh quality traits. The production of added value and innovative sea food items is a major objective. The candidate will prepare reports and write manuscripts for publication in international journals.

#### **4. Legislation and official rules:**

Law n.º. 40/2004, 18th August (Research Fellowship and Studentship Regulation); FCT Regulation for Research Studentships and Fellowships and CIIMAR Research Grants Regulation.

#### **5. Work place:**

The work will be carried out at CIIMAR, Laboratory of Nutrition, Growth and Quality of Fish (LANUCE) under the scientific supervision of Prof. Luisa Valente.

#### **6. Duration of the contract:**

Duration of eight (8) months, under the regime of exclusive dedication, or according to legal terms, up to the end of the project.

#### **7. Monthly salary:**

The monthly maintenance allowance is €1600 (one thousand six hundred Euros– Tax Free), in agreement with the monthly maintenance stipend table of the grants directly attributed by FCT, I.P. within the country (<https://www.fct.pt/apoios/bolsas/valores.phtml.en>).

#### **8. Selection methods:**

The ranking of candidates will be performed by a global evaluation based on:

- Evaluation of the Curriculum Vitae -35%;
- Experience in the research field – 35%;
- Interview – 30% (if needed and in this case only the 3 short listed candidates will be interviewed).

Cofinanciado por:

### **9. Composition of the jury selection:**

President of the jury: Luisa MP Valente

Vogal: Cristina Velasco

Vogal: Irene Martins

### **10. Form of Advertising/notification of results:**

The final results of the evaluation will be published through a list sorting the candidates according to their attributed mark, on the CIIMAR website and by e-mail; in case of disagreement, the candidates have a 10-working day term in which to contest the decision, if he/she so wishes, as provided for in the Código do Procedimento Administrativo in a preliminary hearing setting. The jury reserves the right to not assign the grant depending on the quality of the applications.

### **11. Deadline for application and presentation of applications:**

The competition is open from **23 July until 5 august 2020**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum vitae
- copy of the eligibility certificates
- motivation letter in english explaining how the candidate will meet the admission criteria and contribute to mobfood project
- reference contact information of current and past post-doctoral and PhD supervisor
- contact e-mail address and phone number
- indication of the reference of the competition (as indicated in this announcement)

The applications should be sent by e-mail to: [rh@ciimar.up.pt](mailto:rh@ciimar.up.pt). The applications that **do not include all** the elements previously indicated will **not be considered**.

Cofinanciado por: