

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

**Reference: ALGAFISH/BPD/2018-032**

A competition is open for the attribution of 1 Post-Doctoral Research Grant in the framework of the ALGAFISH - Inclusion of microalgae in sea bass diets: boosting immunity through nutrition, within the R&D Institution CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), with the reference PTDC/MAR-BIO/6233/2014 - POCI-01-0145-FEDER-016796 co-financed by COMPETE 2020, Portugal 2020 and the European Union through the ERDF, and by FCT through national funds, according to the following conditions:

**1. Scientific area:** Biological Sciences

### **2. Admission requirements**

We seek a candidate holding a PhD Degree in Biological Sciences, Aquatic Sciences or similar.

Candidates holding of a FELASA category B certification and with good skills in follow-up experiments with aquatic animals, including maintenance of the rearing systems and of animals will be preferred.

We will valorise candidates with a fish nutrition and physiology background and experience in: measurement of enzymes activity; immunohistochemistry techniques; gene expression analysis; proteomics; data processing and statistical analysis.

In addition, a demonstrated capacity to perform independent research and to develop new methodologies and techniques will be key aspects for selection of a suitable candidate

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

The candidate will participate in several tasks of the project, namely:

- Determination of selected enzyme activity in target tissues;
- Immunohistochemical processing and analysis of target tissues;
- Expression of genes involved in metabolism and immune response;
- Proteomics analysis and bioinformatics;
- Data processing and statistical analysis;
- Reports and manuscripts preparation.

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

Law n.º. 40/2004, 18th August (Research Fellowship and Studentship Regulation); Regulations for Studentships and Fellowships of the Fundação para a Ciência e a Tecnologia, I.P. and CIIMAR Grants Regulation.

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

The work will be carried out at CIIMAR, Marine Zoology Station and NUTRIMU lab, under the scientific supervision of Prof. Aires Oliva Teles and Dr. Ana Couto.

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

Duration of six (6) months, starting October 2018, under the regime of exclusive dedication, eventually renewable according to legal terms, up to 12 months.

#### **7. Monthly maintenance stipend:**

The monthly maintenance allowance is €1495 (one thousand four hundred and ninety five Euros Tax Free), in agreement with the monthly maintenance stipend table of the grants directly attributed by FCT, I.P. within the country (<http://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 -30%;
- Experience in the research field – 30%;
- Interview – 40% (Only the 3 short listed candidates will be interviewed).

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

President of the jury: PhD Ana Couto

Vogal: PhD Aires Oliva Teles

Vogal: PhD Paula Enes

#### **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 **30<sup>th</sup> August until 12<sup>th</sup> September 2018**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum vitae
- copy of the eligibility certificates
- motivation letter
- reference contact information of current and past supervisors
- contact e-mail address and phone number
- indication of the reference of the competition (as indicated in this announcement)

The applications must be sent by electronic mail to Emília Afonso: [secretariado@ciimar.up.pt](mailto:secretariado@ciimar.up.pt), with the reference **ALGAFISH/BPD/2018-032**. The applications that **do not include all** the elements previously indicated will **not be considered**.