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 nº. 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 **30th August until 12th 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, with the reference **ALGAFISH/BPD/2018-032**. The applications that **do not include all** the elements previously indicated will **not be considered**.