

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

Reference: ZEBRALGRE/BPD/2017-037

A competition is open for the attribution of 1 Post-Doctoral Research Grant in the framework of the ZEBRALGRE - From zebrafish to meagre: use of macro- and microalgae as functional feeds, within the R&D Institution CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), with the reference PTDC/CVT-WEL/5207/2014 – POCI-01-0145-FEDER-016797, supported by the Fundação para a Ciência e a Tecnologia and co-financed by Fundo Europeu de Desenvolvimento Regional (FEDER), from COMPETE 2020- Programa Operacional Competitividade e Internacionalização (POCI) according to the following conditions:

1. Scientific area: Biological Sciences

2. Admission requirements

We seek a candidate holding a PhD Degree in Biological Sciences, Aquaculture or similar, holding a FELASA category B certification.

The candidate must have good skills in follow-up experiments with aquatic animals, including design and maintenance of both freshwater and seawater rearing systems and animals.

We will valorise candidates with a fish nutrition background and experience in: growth and digestibility trials with fish; formulation and manufacture of experimental diets; proximate analysis; blood sampling and blood biochemistry analysis; measurement of intermediary, antioxidant and digestive enzymes activity; gene expression analysis; 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 all tasks of the project, namely:
Diet formulation and production;

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Follow-up of trials, including maintenance of the rearing systems and of the animals;
Sampling of animals, blood and tissues for analysis;
Proximate analysis of ingredients, diets, feces and other biological material;
Biochemical analysis of blood and plasma metabolites;
Determination of selected enzyme activity in target tissues;
Expression of genes involved in metabolism and immune response;
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. – 2015 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 Dr. Paula Enes and Prof. Aires Oliva Teles.

6. Duration of the grant:

Duration of six (6) months, starting October 2017, under the regime of exclusive
dedication, eventually renewable according to legal terms up to 24 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 short listed candidates will be interviewed).

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9. Composition of the jury selection:

President of the jury: PhD Paula Enes

Vogal: PhD Aires Oliva Teles

Vogal: PhD Ana Couto

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 **29th August until 11th September 2017**. 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 postal mail to Emília Afonso, CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental, Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos s/n, 4450-208 Matosinhos, and simultaneously by e-mail to: secretariado@ciimar.up.pt. The applications that **do not include all** the elements previously indicated will **not be considered**.