

RESEARCH GRANT (BI) (1 vacancy)

Reference: EICOBREAM/PTDC/MAR-BIO/1949-2014/BI/2017-031

A competition is open for the attribution of 1 Research Grant in the framework of the project EICOBREAM – Efeitos dos ácidos gordos (n-6vs. n-3) na cascata de eicosanoides e inflamação intestinal em dourada (*Sparus aurata*), within the R&D Institution CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), with the reference PTDC/MAR-BIO/1949/2014 - POCI-01-0124-FEDER- 016794, 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 Master Degree in Biological Sciences, Aquaculture or similar.

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

We will valorise candidates holding a FELASA category B certification, with a fish nutrition background and with 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 and digestive enzymes activity; 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;

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 biological material;

Biochemical analysis of blood and plasma metabolites;

Determination of selected enzyme activity in target tissues;

Histological processing and analysis of target tissues;

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Expression of genes involved in metabolism;
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 Prof. Aires Oliva Teles and Dr. Helena Peres

6. Duration of the grant:

Duration of six (6) months, starting September 2017, under the regime of exclusive
dedication, eventually renewable according to legal terms, up to the end of the project.

7. Monthly maintenance stipend:

The monthly maintenance allowance is €980 (nine hundred eighty 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 -60%;
- Interview – 40%

(Only the short listed candidates will be interviewed).

9. Composition of the jury selection:

President of the jury: PhD Aires Oliva Teles

Vogal: PhD Helena Peres

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

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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 **21th August until 1st 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, Avenida 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.

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