

RESEARCH GRANT (BI) (1 vacancy)

Reference: ZEBRALGRE/BM/2019-003

A competition is open for the attribution of 1 Research Grant (BI) 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 Master Degree in Biological Sciences, Aquaculture or similar.

The candidate must have good skills in Molecular Biology and Microbiology techniques, namely Denaturing Gradient Gel Electrophoresis (DGGE).

We will valorise candidates with experience in: RNA and DNA extraction methods; PCR (Polymerase Chain Reaction) and RT-PCR (Real-Time Polymerase Chain Reaction) techniques of gene expression analysis; DGGE technique and data analysis using Quantity One 1-D Analysis and PRIMER Software's; 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.

Cofinanciado por:

3. Work plan:

The candidate will participate in all tasks of the project, namely:
Follow-up of trials, including maintenance of the rearing systems and of the animals;
Sampling of the intestinal mucosa and contents (digesta) for DGGE analysis;
Gut microbiota evaluation by DGGE technique;
Expression of genes involved in inflammation process 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. 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 three (3) months, starting April 2019, under the regime of exclusive dedication,
eventually renewable according to legal terms, depending on the extension of the project
execution period approval.

7. Monthly maintenance stipend:

The monthly maintenance allowance is €989,70 (nine hundred and eighty-nine Euros and
seventy cents 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>).

Cofinanciado por:

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 3 short listed candidates will be interviewed).

9. Composition of the jury selection:

President of the jury: PhD Paula Enes

Vogal: PhD Ana Couto

Vogal: PhD Carolina Castro

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 **20 March until 2 April 2019**. 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)

Cofinanciado por:

The applications must be sent by e-mail to: secretariado@ciimar.up.pt. The applications that **do not include all** the elements previously indicated will **not be considered**.

Cofinanciado por:



UNIÃO EUROPEIA
Fundo Europeu
de Desenvolvimento Regional

