

RESEARCH GRANT (BI) (1 vacancy)

Reference: PlasticGlobal/BI-MSc/2017-043

A competition is open for the attribution of 1 Research Grant in the framework of the project "**PLASTICGLOBAL – Assessment of plastic-mediated chemicals transfer and effects in food webs of deep, coastal and estuarine ecosystems under global change scenarios**", within the R&D Institution CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), with the reference PTDC//MAR-PRO/1851/2014 and LISBOA-01-0145-FEDER-016885, 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 Biology, Marine or Environmental Sciences or similar.

The candidate must have very good skills in maintenance of bioassays with *Artemia franciscana* and microalgae and very good skills in the characterization and quantification of microplastics by fluorescence microscopy.

The candidate should be a good communicator, speak and write fluent English.

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.

Whenever the degree is from a foreign institution the candidates should recognise it by a Portuguese higher education institution accordingly to the Decreto-Lei n.º 341/2007, published in Diário da República, 1.ª série, n.º 197, 12 October, until the end of the application date.

3. Work plan:

The research plan involves the following tasks:

- Preparation and maintenance of ecotoxicological bioassays with *Artemia franciscana* and microalgae to assess the microplastics chronic effects;
- Characterization and quantification of microplastics by fluorescence microscopy;

Cofinanciado por:

- Participation in the planning of all experiments;
- Data processing and statistical analysis;
- Discussion of results obtained and production of progress reports and manuscripts.

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. — 2015 and CIIMAR Grants Regulation.

5. Work place:

The work will be carried out at CIIMAR and in the Department of Biology of the Faculty of Sciences of the University of Porto, LAQUA - Laboratory of Ecology and Water Quality, Rua do Campo Alegre, s/n, 4169-007 PORTO, PORTUGAL, under the scientific supervision of Professor Maria da Natividade Ribeiro Vieira.

6. Duration of the grant:

Duration of five (5) months, starting in November 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%;
- Experience in the research field – 40%

Interview may be required in case of draw. If so, the interview will be scored at 50%.

9. Composition of the jury selection:

President of the jury: PhD Lúcia Maria das Candeias Guilhermino

Vogal: PhD Maria da Natividade Ribeiro Vieira

Vogal: PhD António Paulo Alves Ferreira de Carvalho

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 October until 13th November 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.