


|   |                                      |             |
|---|--------------------------------------|-------------|
|  | CENTRO DE CIÊNCIAS DO MAR DO ALGARVE | IP.CCM.008  |
|   | Anúncio de Bolsa                     | REV.: 02    |
|   |                                      | PÁG: 1 de 3 |

## **Research Fellowship (MSc.) Advertisement – 1 vacancy**

### **Within the project - Size Matters**

FA\_05\_2017\_024

Ref. º: CCMAR/BI/0010/2019

The Centre for Marine Sciences (CCMAR) in the Algarve, Portugal, opens a position for a MSc. Research fellowship (BI – Mestre ) within the research project: Size Matters - looking for invisible plastics, Reference FA\_05\_2017\_024 funded by Fundo Azul under the following conditions:

#### **Tasks to perform:**

Design and construction of a glass pyrolyser. Pyrolysis efficiency of selected micro/nanoplastic standards as function of the temperature. Implementation of GC-MS analytical methods for determination of common volatile compounds released after pyrolysis of micro/nanoplastic materials. Determination by GC-MS of the main volatile compounds release after pyrolysis of different micro/nanoplastic materials at different temperatures. Evaluation by LC-MS of the nonvolatile fraction resulting from pyrolysis of micro/nanoplastic materials at different temperatures. Comparison of obtained profiles for different micro/nanoplastics. Tests using natural samples.

#### **Scientific orientation:**

Dr. José Paulo da Silva, Researcher at CCMAR.

#### **Work place:**

The workplace is CCMAR (Gambelas Campus of the Algarve University, Faro, Portugal).

#### **Requirements:**


1. Master Degree in Chemistry, Biochemistry or related field.

Non-compliance with any of these requirements at the time of application invalidates the application. Provision of false documentation will be punished by law.

#### **Evaluation criteria:**

1. MSc. final score (30%)
2. Experience using gas chromatography coupled to mass spectrometry (GC-MS), liquid chromatography coupled to mass spectrometry (LC-MS), validation of analytical methods and quality control (50 %).
3. Articles in scientific international journals with peer review in the field of analytic chemistry and /or mass spectrometry (20%).

The selection jury reserves the right to contact or interview applicants should they require further information or clarification about their application.

|   |   |             |
|---|---|-------------|
|  | <b>CENTRO DE CIÊNCIAS DO MAR DO ALGARVE</b> | IP.CCM.008  |
|   | Anúncio de Bolsa                            | REV.: 02    |
|   |   | PÁG: 2 de 3 |

In the event that no applicant has the necessary profile the jury reserves the right to close the call without any recruitment. If the applicant ranked first does not accept the position, or during the fellowship, in the event that the fellowship holder should resign, the jury reserves the right, upon convenience and opportunity, to assign the fellowship to the next applicant in accordance with the ranking position of the selection jury.

**Grant conditions:** The grant will have an initial duration of 12 months, starting in December 2019 and can eventually be renewed for additional periods up to the end of the project. The fellowship must be undertaken exclusively (full time) according to the Portuguese law 40/2004, of 18 of August (Scientific Research Fellowship holder statutes), Fellowship Regulation of the Portuguese Foundation for Science and Technology in force <http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT.pdf> and the rules of CCMAR research grants <https://goo.gl/gFOUuz>.


**Monthly maintenance allowance:** A maintenance allowance of 989,70€/net (tax free) will be paid each month through inter-bank transfer in accordance with the grant amounts set by the Portuguese Foundation for Science and Technology <https://goo.gl/XNZITC>.

**Application period:** from 14<sup>th</sup> of October to 28<sup>th</sup> of October 2019.

**Application submission process:** Only applications submitted through the CCMAR website will be considered: <https://www.ccmar.ualg.pt/list/job>. Applications are considered to be correctly submitted only after the candidate has received a confirmation e-mail from CCMAR. Applications (in English) should include a Motivation Letter (in English), a detailed Curriculum Vitae, copy of the candidates MSc. certificate and the email contacts of up to 3 referees.

**Results and Preliminary Hearing:** The judgement of the selection committee will be communicated in writing (by email) within 45 working days after the application deadline. After notification, candidates have 10 working days to contest the preliminary decision sending an email to the selection committee.

Candidates holding degrees awarded by a foreign university should have their degree recognized in Portugal no later than 10 days after receiving the communication of selection for a position. Non-compliance justifies exclusion from the procedure. Information about the recognition procedures can be obtained at any Portuguese university or here. The board of directors reserves the right, upon request from the candidate, to extend the compliance period provided it does not impact negatively in the programmed activities.

|   |   |             |
|---|---|-------------|
|  | <b>CENTRO DE CIÊNCIAS DO MAR DO ALGARVE</b> | IP.CCM.008  |
|   | Anúncio de Bolsa                            | REV.: 02    |
|   |   | PÁG: 3 de 3 |

### **Selection Committee:**

Dr. José Paulo da Silva, researcher at CCMAR (President of the jury); Professor Alexandra Teodósio, Professor at the Algarve University and researcher at CCMAR (Member) and Professor Ludovina Galego, Professor at the Algarve University (Member).

Disabled candidates shall be preferred in a situation of equal classification, and said preference supersedes any legal preferences. Candidates must declare, on their honour, their respective disability degree, type of disability and communication / expression means to be used during selection period on their application form, under the regulations above.

CCMAR's non-discrimination and equal access opportunities policy – No candidate can be privileged, benefited, jeopardised or be deprived of any right or exempt of any claim in regards to descendent, age, gender, sexual orientation, marital status, economic situation, origin, social economy, genetic heritage, disability, chronic disease, nationality, ethnicity, territory of origin, language, religion, politics, ideology or union membership.

Faro, September the 19<sup>th</sup> 2019

Cofinanciado por:



Parceiros:

