

## RESEARCH GRANT (BI) (1 vacancy)

### Reference: Tools4Breed\_BI\_Msc\_2019-048

A competition is open for the attribution of 1 research grant in the framework of the project Tools4Breed, with reference FA\_05\_2017\_025 titled "Tools4Breed – Challenge tests and genetic markers for *Perkinsus* as a tool for *Ruditapes decussatus*´ selective breeding", within the R&D Institution CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), supported by Fundo Azul and Republic of Portugal, according to the following conditions:

**1. Scientific area:** Biological Sciences

### 2. Admission requirements

The candidate must accomplish the following requisites:

- A master degree in the field of Biological Sciences or similar areas;
- Knowledge of diseases of marine invertebrates will be desirable.
- Knowledge of, proteomic data analysis, and large data set analysis will be valuable;
- Experience in bioinformatics tools such as Blast2Go, R or Python will be valuable.
- Candidates should speak and write fluently English.

Preferred conditions are previous experience in: analysis of big data obtained by LC/MS-MS, sample processing by LC/MS-MS as well as quantitative PCR.

### 3. Work plan:

Tools4Breed project is focused in the search and discovery of new molecular markers of resistance to *Perkinsus olseni* infection in the native clam *Ruditapes decussatus*.

The candidate will be responsible for sample preparation for protein analysis, analysis of large data set of proteins derived from shotgun proteomics, and gene expression analysis by qPCR.

The candidate will be also enrolled on the coordination of selected activities related with project management, dissemination and communication.

#### **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 –Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos s/n, Matosinhos, Portugal. Candidate will join the group of Nutrition and Immunobiology group (NUTRIMU) under the supervision of Sergio Fernández-Boo.

#### **6. Duration of the contract:**

Duration of 6 months, starting December 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 salary:**

The gross monthly salary is €989,70 (nine hundred and eighty nine Euros and seventy cents), in agreement with the monthly maintenance stipend table of the grants directly attributed by FCT, I.P. within the country (<https://www.fct.pt/apoios/bolsas/valores.phtml.en>).

#### **8. Selection methods:**

Candidates will first be ranked according to a global Curriculum Vitae evaluation. The candidates' CV score (CVS) will be the sum of the evaluation for the Academic Qualification (AQ) and the Work Experience (WE), in accordance with the formula:  $CVS = 0,4 AQ + 0,6 WE$ . Academic qualification (AQ) will be scored from 0 to 10 and the evaluation will take into account the University – level degrees of the candidate and their appropriateness to the position. Work experience (WE) evaluation will take into account i) the experience in the field of study, scored from 0 to 10 with a relative weight of 70%; ii) scientific publications in ISI journals in the area of preference, scored from 0 to 10 and with a relative weight of 10%; and iii) a global appreciation of the motivation of the candidate and interest in the field of research, taking into account the motivation letter, also scored from 0 to 10 and with a relative weight of 20%. The jury reserves the right to not assign the research grant if none of the candidates meets all requirements and matches the desired profile. Interview may be required for the top-three scoring candidates. If so, the interview will be scored at 50%.

## 9. Composition of the jury selection:

President of the jury: Sergio Fernández-Boo

Vogal: Benjamin Costas Refojos

Vogal: Maria Rita Motta de Sottomayor Azeredo Leme

## 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, 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.

## 11. Deadline for application and presentation of applications:

The competition is open from **8<sup>th</sup> until 21<sup>st</sup> november 2018**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum vitae
- copy of the eligibility certificates
- motivation letter
- indication of the competition (as indicated in the selection criteria)
- contact information of PhD current and past (if applicable) supervisors
- contact e-mail address and phone number

The applications must be sent by e-mail to: [mgalvao@ciimar.up.pt](mailto:mgalvao@ciimar.up.pt). The applications that do not include all the elements previously indicated will not be considered.

The contracts will only be signed after the signature of the financing agreements of the project.