

RESEARCH GRANT (BI) (1 vacancy)

Reference: Tools4Breed_BI_Msc_2020-039

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;
- Be enrolled in a doctoral programme aiming at consolidating their scientific training through the development of research work leading to the achievement of the respective academic degree, or non-academic degree course integrated in an educational project of a higher education institution developed in association or cooperation with one or more R&D units.
- Knowledge of diseases of marine animals will be desirable.
- Knowledge of analysis techniques of immune parameters in plasma from fish and shellfish;
- Experience in statistical data treatment and report writing.
- Candidates should speak and write fluently English.

3. Work plan:

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

The candidate will be responsible for sample preparation for protein analysis, DNA and RNA extraction as well as 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, 18-8, in its current version (Research Fellowship and Studentship status); 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 – Novo Terminal do Porto de Leixões, Av. General Norton de Matos s/n, Matosinhos, Portugal. Candidate will join the group of Animal Health and Aquaculture (A₂S) under the supervision of the doctor Sergio Fernández-Boo.

6. Duration of the contract:

Duration of 4 months with possibility to extension to 5 months depending on funding availability, starting in February 2021 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 €1074.64 (one thousand and seventy-four euros and sixty-four 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%. Being in this second round evaluated as:

Candidate mark= 0.5 CVS + 0.5 Interview

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 **7th until 20th January 2021**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum vitae
- copy of the eligibility certificates
- motivation letter
- evidence of enrollment in a doctoral program or non-academic degree course
- indication for 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: rh@ciimar.up.pt . The applications that do not include all the elements previously indicated will not be considered.