Novo Edifício do Terminal de Cruzeiros do Porto de Leixões
Av. General Norton de Matos s/n
4450-208 Matosinhos | Portugal
Tel.: (351) 223 401 800
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Research Grant (BI) (1 vacancy)

Reference: EVODIS/BM/ 031342/2019-002

A competition is open for the attribution of 1 research grant in the framework of the Project EvoDis - The Metazoan Endocrine System in the Anthropocene Epoch: from EVOlution to DISruption", ref. PTDC/CTA-AMB/31342/2017, POCI-01-0145-FEDER-31342**,** within the R&D Institution CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), supported by Fundação para a Ciência e a Tecnologia I.P., throught national funds and by Fundo Europeu de Desenvolvimento Regional – FEDER, throught Programa Operacional Competitividade e Internacionalização – POCI, according to the following conditions:

1. Scientific area: Biological Sciences, Bioinformatics

2. Admission requirements

The candidates must hold a Master of Science in the field of in Biological Sciences or Bioinformatics, with a final classification of at least 15 values. A solid experience in Bioinformatics is required. In detail the candidates must have and demonstrate training and/or experience in the following subjects:

- Experience in transcriptomics of aquatic organisms (analysis of RNA-Seq data; Transcriptome assembly and annotations).

- Experience in comparative genomic analysis of aquatic organisms (e.g. gene annotation).

- Demonstrated capacity to develop new bioinformatic tools in the context of comparative genomics.

- Experience in software and/or programming languages (Phyton, R, PHP, JavaScript, Java).

- Evolutionary data analysis.

- Fluency (speaking and writing) in English.

The jury reserves the right to close the application in case none of the candidates meets the desired profile.

3. Work plan:

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The candidate will be involved in intensive bioinformatics work. The candidate will be expected to carry out several tasks including NGS dataset assembly, sequence analysis and comparative genomics.

4. Legislation and official rules:

Law nº. 40/2004, 18th August (Research Fellowship and Studentship Regulation) amended and republished by Decreto-Lei n.º 202/2012, 27th August; Regulations for Studentships and Fellowships of the Fundação para a Ciência e a Tecnologia, I.P. — and CIIMAR Grants Regulation approved by FCT.

5. Work place:

The work will be carried out at CIIMAR, Edifício do Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos, s/n, Matosinhos, integrated in the Aquatic Ecology and Evolution Group, under the coordination of Dr. Filipe Castro.

6. Duration of the contract:

Duration of one (1) year, eventually renewable according to the legal terms, starting in 15th December, 2019, under the regime of exclusive dedication.

7. Monthly salary:

The monthly maintenance allowance is €989.7, 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/docs/RegulamentoBolsasFCT2015.pdf). Payment will be made monthly by bank transfer. In addition to this allowance, the grantee will be covered by a personal accident insurance.

8. Selection methods:

The ranking of candidates will be performed by a initial evaluation based on:

− Evaluation of the Curriculum Vitae (EC) -70% (which is eliminatory);

The Evaluation of the Curriculum Vitae will be performed according to the following criteria:

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i.   Value of the final Master classification - 15%.

ii.   Demonstrated experience in developing new bioinformatic tools - 30%

iii.   Published papers/Publication track record (comparative genomics) (PPP)– 20%.

iv.   Motivation letter (ML) – 5%.

The Evaluation of the Curriculum Vitae will be performed according to the following criteria:

EC = [15%BSc+30%ELAH+20%PPP+5%ML]

In the second phase and after the sorting of the candidates following CV evaluation, there will be an interview to the maximum of three candidates if they are separated by less than 10% according to the jury criteria. All the factors will be pondered according to the formula:

INT = 30%

The final score (CF), expressed in a number from 0 to 20, will weight in the Curriculum Vitae evaluation (70%) and the interview (30%):

CF = 70%EC+30%INT

If the candidates do not show up in the interview they will be withdrawal from the application, being excluded from the competition.

9. Composition of the jury selection:

President of the jury: PhD Filipe Castro

Vogal: PhD Miguel Santos

Vogal: PhD Raquel Ruivo

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;

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After the announcement of the results, candidates are considered automatically notified to, if they wish to do so, comment on the results on a preliminary hearing period within 10 working days after that date, as provided for in the Código do Procedimento Administrativo.

The jury reserves the right to not assign the grant depending on the quality of the applications.

In case of resignation or withdrawal of the selected candidate, the next candidate with the highest evaluation score will be notified immediately.

Based on the final sorted list of the candidates it will be made a reserve list that will be used for the future recruitment of grantees for this project.

11. Deadline for application and presentation of applications:

The competition is open from **7th until 20th November 2019**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum vitae with clear specification of i) list of peer reviewed publications, books and/or reports proof the experience in the above-mentioned fields ii) list of the computer skills (software and/or programming languages for simulation and data analysis; new developed software)

- copy of the eligibility certificates;

- motivation letter;

- one or more reference contact information of current or past supervisors;

- contact e-mail address and phone number;

- indication of the reference of the competition (as indicated in this announcement).

- any other documents that the candidates may recognize as relevant to demonstrate the adequacy to the function

The applications should be sent by e-mail to: mgalvao@ciimar.up.pt and filipe.castro@ciimar.up.pt. The applications that **do not include all** the elements previously indicated will **not be considered**.