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CALL FOR AN INITIATION RESEARCH FELLOWSHIP (BII)
Reference of Fellowship iMM/BII/9-2021

Instituto de Medicina Molecular João Lobo Antunes (iMM) opens a call for an Initiation Research Fellowship for a PhD student with the funding support from the *European Molecular Biology Organization* under the project "*Installation Grant*".

Work Plan and Goals

- Development of pipelines of bioinformatics analysis of transcriptomic data generated by next-generation long-read sequencing platforms, namely Oxford Nanopore, to quantify annotated transcripts and perform reference-free identification of open reading frames and encoded proteins from long reads.
- Docker containerization of the aforementioned pipelines.

Scientific Area: Bioinformatics

Candidate's Profile

- Master degree holder in Bioinformatics, Informatics, Sciences or Engineering fields, enrolled in a PhD study cycle.
- Experience in the usage of command-line interface operating systems, namely Unix-based.
- Knowledge in programming and scripting.
- Experience in bioinformatics analyses of next-generation long read sequencing transcriptomic data, namely from Oxford Nanopore Technologies.
- Fluency in written and spoken English.

Duration of Fellowships: 6 (six) months on an exclusive basis, eventually renewable not exceeding the eligibility period of the project (predicted to end on 31st December 2021).

Law and Regulation: Estatuto do Bolseiro de Investigação approved by Law nr 40/2004, from 18th August in its current form (altered by Decree Law nr 123/2019, 28th August) and current iMM Regulation of Fellowships and Career By-Law and Performance Assessment Regulations.

The iMM undertakes to ensure compliance with the principles of non-discrimination and equality and to that extent, provides that no candidate can be privileged, benefited, harmed or deprived of any right or exempted from any duty due in particular ancestry, age, gender, sexual orientation, marital status, family status, economic status, education, social origin or condition, genetic heritage, reduced working capacity, disability, chronic disease, nationality, ethnic origin or race, place of origin, language, religion, political or ideological convictions and trade union membership.

Predicted Start Date: May 2021

Workplace and Scientific Orientation: The work will be developed at the NMORAIS LAB (Disease Transcriptomics), of iMM, under the supervision of Nuno Morais PhD.

Fellow Monitoring Centre: The monitoring centre works on Tuesdays and Thursdays from 9:00AM to 6:30PM at Human Resources Office.

Monthly Remuneration: 1104,64€, according to Regulation Fellowships of iMM and other applicable regulations. The amount will be paid through bank transfer at the end of each month.

Necessary Documents for Applications: - Motivation letter in English; - Detailed CV; - MSc Degree certificate; - Contact of two references; - Document proving the enrollment in the PhD study cycle. ***The non-compliance with these requirements determines the immediate rejection of the application.***

Evaluation: Applications will be evaluated by a jury composed by Doctors Nuno Morais, Claus Azzalin and Miguel Casanova Parente.

Selection Method: Curricular evaluation (50%) and Interview (50%).

Deadlines and Submission of Applications: The call will be open for 10 working days, **starting on 20th April 2021 and ending on 3rd May 2021.** Applications should be sent to iMM Human Resources through the email imm-hr@medicina.ulisboa.pt, indicating the reference of fellowship (mandatory). ***The non-compliance with these requirements determines the immediate rejection of the application.***

Communication of Results: The results will be published at <https://imm.medicina.ulisboa.pt/jobs/#results>.

Lisbon, 5th April 2021

The Executive Director of iMM
Maria Manuel Dias da Mota, PhD