

INSTITUTO DE MEDICINA MOLECULAR JOÃO LOBO ANTUNES  
NMORAIS LAB

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**CALL FOR RESEARCH FELLOWSHIP (BI)**  
**Reference of Fellowship iMM/BI/11-2020**

Instituto de Medicina Molecular João Lobo Antunes (iMM) opens a call for a Research Fellowship for a Master degree holder with the funding support from Programa Operacional Competitividade e Internacionalização (Compete2020), Programa Operacional Regional de Lisboa (Lisboa 2020) and Programa Operacional Regional do Algarve (CRESC Algarve2020), through Portugal 2020 and Fundo Europeu de Desenvolvimento Regional (FEDER), and by Fundação para a Ciência e a Tecnologia (FCT), under the project **“GenomePT: National Laboratory for Genome Sequencing and Analysis”** in the Portuguese Roadmap of Research Infrastructures (PINFRA/22184/2016/POCI-01-0145-FEDER-022184).

**Work Plan and Goals**

- Development of pipelines of bioinformatics analysis of transcriptomic data generated by next-generation long-read sequencing platforms, namely Oxford Nanopore.
- Docker containerization of the aforementioned pipelines.
- Establishment, management and maintenance of a repository of annotated Docker images and other bioinformatics tools to be used by the National Infrastructure, as well as of the respective access interface.

**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.

**IMPORTANT NOTE:** *In the event the Master degree was awarded by a foreigner higher institution, the degree must comply with the provisions of Decree-Law nr 66/2018, 18th August, and all formalities established there must be fulfilled by applications deadline.*

**Duration of Fellowships:** 6 (six) months on an exclusive basis, eventually renewable not exceeding the eligibility period of the project (predicted to end on 30<sup>th</sup> April 2021).

**Law and Regulation:** Estatuto do Bolseiro de Investigação approved by Law nr 40/2004, from 18<sup>th</sup> August in its current form (altered by Decree Law nr 123/2019, 28<sup>th</sup> August) and current Regulation of Fellowships of Fundação para a Ciência e a Tecnologia (approved by Regulation nr 950/2019, from 16<sup>th</sup> December).

*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:** August / September 2020

**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:** 1064,00€, according to FCT Regulation Fellowship <https://www.fct.pt/apoios/bolsas/valores.phtml.pt>. 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 (please see “IMPORTANT NOTE” indicated in the candidate profile); - 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 Joana Rodrigues.

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

**Deadlines and Submission of Applications:** The call will be open for 10 working days, starting on 24<sup>th</sup> July and ending on 6<sup>th</sup> August 2020. Applications should be sent to iMM Human Resources through the email [imm-hr@medicina.ulisboa.pt](mailto: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> and posted at the entrance lobby of the Institute.

Lisbon, 9<sup>th</sup> July 2020

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