

INSTITUTO DE MEDICINA MOLECULAR JOÃO LOBO ANTUNES
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CALL FOR TWO RESEARCH FELLOWSHIPS
Reference of Fellowships iMM/BI/73a-2019 and IMM/BI/73b-2019

Instituto de Medicina Molecular João Lobo Antunes (iMM) opens a call for two Research Fellowships for Master degree 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 genomic data generated by microarray and next-generation sequencing platforms and their Docker containerization.
- Elaboration of a best practice handbook for the creation of Docker images for public sharing of genomics data analysis software.
- Establishment, management and maintenance of a repository of annotated Docker images to be used by the National Infrastructure, as well as of the respective access interface.

Scientific Area: Bioinformatics

Candidate's Profile

- Master degree in Bioinformatics, Sciences or Engineering fields.
- Experience in the usage of command-line interface operating systems, namely Unix-based.
- Knowledge in programming and scripting.
- Experience and bioinformatics analyses of microarray and next-generation sequencing data
- Knowledge in Docker image creation and Docker container management.
- 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: 5 (five) months on an exclusive basis, eventually renewable not exceeding the eligibility period of the project.

Law and Regulation: Estatuto do Bolseiro de Investigação (Lei n.º 40/2004, de 18 de Agosto, republished in attachment to Decreto-Lei n.º 202/2012, de 27 de Agosto), current Regulation of Fellowships of Fundação para a Ciência e a Tecnologia Career By-Law and Assessment Regulation of iMM.

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: December 2019

Workplace and Scientific Orientation: The work will be developed, under the supervision of the respective Principal Investigator, at one of the following iMM laboratories: Disease Transcriptomics (Nuno Morais), Human Immunodeficiency & Immune Reconstitution (Ana Espada de Sousa), Lymphocyte Regulation (Luís Graça), Molecular Microbiology & Infection (Mário Ramirez).

Fellow Monitoring Centre: The monitoring centre works on Tuesday and Thursdays from 09:00AM to 06:30PM at Human Resources Office.

Monthly Remuneration: 989,70€, according to FCT Regulation Fellowship (www.fct.pt/apoios/bolsas/valores). 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. ***The non-compliance with these requirements determines the immediate rejection of the application.***

Evaluation: Applications will be evaluated by a jury composed by Doctors Ana Espada de Sousa, Luís Graça, Mário Ramirez, Nuno Morais and Filipe Cadete.

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

Deadlines and Submission of Applications: The call will be open for 10 working days, starting on **14 November and ending on 27 November 2019**. Applications should be sent to iMM Human Resources through the email imm-hr@medicina.ulisboa.pt, indicating the reference of fellowships (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, 29 October 2019

The Executive Director of iMM João Lobo Antunes
Professor Maria Manuel Dias da Mota, PhD