CALL FOR A RESERACH FELLOWSHIP
Fellowship Reference IMM/BI/22-2021

Instituto de Medicina Molecular João Lobo Antunes (iMM) opens a call for one research fellowship under the project *"*PTDC/CCI-CIF/4613/2020 "AIpALS - Advanced learnIng models using Patient profiles and disease progression patterns for prognostic prediction in ALS" with the funding support from Fundação para a Ciência e a Tecnologia, IP.P. / MCTES through national funds (PIDDAC).

Scientific Area(a) Health Care and Services; Neurosciences; Information Science

Fellowship recipients / Admission requirements *(indicate mandatory and preferential requirements):* Any National, foreign and stateless candidate(s) that fulfill the necessary conditions to be enrolled in a MSc degree course.
Applicants must hold the following requirements:
- BSc degree holder in the area of health sciences, with achievement in medical disciplines such as Physiology;
- Sensitivity and motivation for direct interaction with patients, including at their home;
- Availability to travel to the patients' homes in the metropolitan area of Lisbon;
- Interest in analyzing clinical and epidemiological research data;
- Good organizational skills and initiative to address and research new issues;
- Experience in oral and written communication of scientific results;
- Experience in statistical analysis of experimental data in R, SPSS or related programs;
- Excellent command of Portuguese and English.

NOTE: In the event the BSc 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. For further information about the procedure, please check here.

Work Plan and Objectives:
AIpALS aims to advance precision medicine in order to improve care in Amyotrophic Lateral Sclerosis (ALS) by proposing advanced machine learning models for predicting ALS prognosis, through the analysis of patient profiles and disease progression patterns. To this end, large amounts of genotype-phenotype data will be analyzed, as well as existing clinical temporal data, new clinical data collected at the ALS consultation (Lisbon Academic Medical Center), and new data from remote monitoring of patients at home through Telemedicine techniques.
The candidate will be part of a multidisciplinary team with the aim of developing research activities in the field of neuroscience and statistics (data collection and processing). The work plan includes: collection and management of clinical databases; visit to patients in the Lisbon area to support the use of the biosensors included in the project; research focused on methodological support in the statistics field.

Legislation and Applicable 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 Regulation of Fellowships of Fundação para a Ciência e a Tecnologia https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt (approved by Regulation nr 950/2019, from 16th December).

Predicted start date, duration and renewal conditions: The fellowship contract is predicted to start in November 2021, for a period of 6 (six) months on an exclusive basis, eventually renewable until the maximum stipulated in applicable regulations, not exceeding the eligibility period of the project, which is estimated to end in 29/02/2024.

Work place and Scientific orientation: The research activities will be developed at Mamede de Carvalho Lab of iMM, under the supervision of Professor Mamede de Carvalho.

Non-discrimination and equal access policy*:* 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.

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

Fellowship financial conditions: The fellow will benefit from a monthly stipend in the amount of **835,98€** in accordance with the defined in FCT table https://www.fct.pt/apoios/bolsas/valores.phtml.pt. The amount will be paid by wire transfer at the end of each month. The fellow will also benefit from a personal accident insurance to execute the proposed research activities as well as the right to Social Security through Voluntary Social Insurance regimen, if wanted, under the terms of Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social, and the contributions costs will be supported by the research project.

Application documents: - Motivation Letter; - Detailed CV; - BSc certificate (please check the *"NOTE" in Fellowship recipients*); - Candidate's declaration of honor indicating previous fellowships, if any, its typology and duration. ***The non-compliance with these requirements determines the immediate rejection of the application.***
In case the applicant does not have yet the required degree certificate, a declaration of honor stating the conclusion of the necessary qualifications for the purposes of this process will be accepted and must be sent by the end date of the call.

Jury evaluation and selection: Mamede de Carvalho (FMUL-UNL, iMM); Marta Gromicho (iMM) and Bruno Miranda (FMUL, iMM).

Selection methods: Curricular Evaluation (50%), Interview (50%).

Deadlines and application process: The call will be open from **7th October 2021 until 20 October 2021.**
Applications should be addressed to Human resources through the email imm-hr@medicina.ulisboa.pt, by indicating the reference of the fellowship. ***The non-compliance with these requirements determines the immediate rejection of the application.***

Notification of results: The evaluation results will be announced within 90 days after the termination of the applications submission deadline, by writing and publishing a jury meeting minute at iMM website at https://imm.medicina.ulisboa.pt/jobs/#results with all process of recruitment, evaluation and selection including a list of all excluded and admitted candidates and for these last ones, their classification. All admitted candidates will be notified by email.

Preliminary Hearing and Final Decision Deadline: Pursuant to article 121 of the Administrative Procedure Code, after notified, all candidates have 10 working days to respond. Panel's final decisions are pronounced within a period of 90 days, from application deadline.

Selection reserve list: A reserve selection list will be created for a period of 6 months.

Fellowship contracting: The Fellowship is granted through the signature of a contract between iMM and the selected fellow and after the fellow send the following mandatory documents: copy of identification document (in case of non-European citizens is mandatory the work visa / valid resident permit), document proving the required academic degree and the document proving the enrollment in a MSc degree course. Applicants with academic degrees obtained abroad will be required to present a certificate of recognition in accordance with the applicable regulation. This document is mandatory only in the contracting phase.
For each Fellowship period an Activity Report must be prepared by the fellow as well as the Report by the supervisor.

Lisbon, 6th October 2021

The Executive Director of iMM
Professor Maria Manuel Dias da Mota