

CALL FOR A RESEARCH FELLOWSHIP
Fellowship Reference IMM/BI/4-2023

Instituto de Medicina Molecular João Lobo Antunes (iMM) opens a call for one research fellowship for a Master Student under the project *PTDC/MED-NEU/3890/2020 – “Assessing aging of human neurons by direct induced neuronal (iN) conversion” (AgEiN)* with the funding support from Fundação para a Ciência e a Tecnologia, IP.P. / MCTES through national funds (PIDDAC).

Scientific Area: Neurosciences

Fellowship recipients / Admission requirements: Any National, foreign and stateless candidate(s) that fulfill the necessary conditions to be enrolled in a MSc degree course in an area related to the work plan (Neurosciences or any related biomedical area) can apply.

Applicants must hold the following requirements:

- Previous experience in neuronal cell cultures, immunocytochemistry and qPCR techniques (mandatory);
- Some experience in molecular biology (preferential);
- Good oral and written English skills (mandatory);
- The international experience of the candidates, although not a determining criterion for selection, will be valued.

Work Plan and Objectives:

- Conversion of human fibroblasts to induced neurons (iNs) and validation with glutamatergic markers;
- Optimization of the protocol in order to obtain iNs from aged human subjects;
- Ensure a stable and consistent production of iNs to the lab.

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 March 2023 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 (predicted to end on 29th of February 2024).

Work place and Scientific orientation: The research activities will be developed at Neurobiology of Ageing & Disease Lab of iMM, under the supervision of Luisa Lopes and Joana Coelho.

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.

International environment and experience: Diversity is a fundamental aspect of the essence of IMM, where researchers and non-researchers of different nationalities, backgrounds and areas of study work together, promoting the exchange of experiences and interactions, contributing to the personal and professional development of each person and to the existence of an international, inclusive and stimulating environment.

Research Fellows Support Centre: The Research Fellows Support Centre works on Tuesdays and Thursdays from 8:30AM to 6:00PM at Human Resources Office.

Fellowship financial conditions: The fellow will benefit from a monthly stipend in the amount of 875,98€ 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 with technical skills and Detailed CV. *The non-compliance with these requirements determines the immediate rejection of the application.*

Jury evaluation and selection: The applications will be evaluated by Luísa Lopes (iMM), Joana Coelho (iMM) and Leonor Saúde (iMM/FMUL).

Selection methods: Curricular evaluation (100%).

Deadlines and application process: The call will be open from 27th of January until 9th of February (10 working days). Applications should be submitted through IMM website, by clicking in the “Apply” button below the position job ad. *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: After notification, 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: Not applicable.

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) and the document proving the enrollment in a MSc study cycle.

For each Fellowship period an [Activity Report](#) must be prepared by the fellow as well as the [Report](#) by the supervisor.

Lisbon, 26th of January 2023

The Executive Director of IMM
Professor Maria Manuel Dias da Mota