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CALL FOR ONE INITIATION RESEARCH FELLOWSHIP (BII)
Reference of Fellowship IMM/BII/15-2021

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 Proterris Inc.

Work Plan and Goals: Study of the molecular effects underlying the treatment of tumors (in vivo), isolated immune populations (ex vivo) and cell lines (in vitro) with carbon monoxide, using flow cytometry, immunofluorescence and molecular biology techniques. The aim of the project is to identify and validate potential molecular targets for the therapeutic action of carbon monoxide in immune populations.

Scientific Area: Immunology, Biomedicine

Candidate's Profile

- MSc degree holder in Biochemistry enrolled in a PhD study cycle.
- Experience of at least 5 years with Preparation and Isolation of tissues and primary cells.
- Experience of at least 5 years with cell and tissue culture.
- Experience with optical and fluorescence microscopy.
- Experience of at least 5 years with in vivo experimentation (tumor mice models).
- Experience of at least 5 years with flow cytometry.
- Experience with use of CORMs.
- Experience with molecular biology.

Duration of Fellowships: 7 (seven) months on an exclusive basis, eventually renewable not exceeding the eligibility period of the project.

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: August 2021

Workplace and Scientific Orientation: The work will be developed at Chemical Biology & Pharmaceutical Biotechnology Laboratory under the supervision of Prof. Gonçalo Bernardes.

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

Monthly Remuneration: In accordance with the applicable regulation. The amount will be paid through bank transfer at the end of each month.

Necessary Documents for Applications: - Motivation letter; - Detailed CV; - Master Degree certificate; - 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 Gonçalo Bernardes, Bruno Oliveira, Marta Marques.

Selection Method: Curricular evaluation (100%).

Deadlines and Submission of Applications: The call will be open for 10 working days, starting on **5th July and ending on 16th July 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, 2nd July 2021

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