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**CALL FOR ONE INITIATION RESEARCH FELLOWSHIP (BII)**  
**Reference of Fellowship IMM/BII/14-2020**

Instituto de Medicina Molecular João Lobo Antunes (iMM) opens a call for an Initiation Research Fellowship with the funding support Laço Research Grant – 2019 under the project *“Regulation of Breast Cancer Intravasation”*.

**Work Plan and Goal:** In breast cancer majority of metastasis occur via the hematogenous dissemination of cancer cells. Intravasation, the crossing of endothelial monolayers by cancer cells to enter circulation, is, however one of the least understood processes of the metastatic cascade. This derives, in part, from the scarcity of good *in vitro* models to address it. Here we propose to set up novel *in vitro* models to study intravasation and how cholesterol metabolism affects it. As such the main goals of the project are:

- 1) Analyze protein expression during intravasation in different cholesterol environments.
- 2) Optimize culture conditions for real-time visualization of intravasation in 3D.

**Scientific Area:** Oncobiology

**Candidate’s Profile**

- Bachelor degree holder in Biology or Biochemistry, enrolled in a Masters study cycle in a field relevant for the work plan, namely Oncobiology;

- The candidate must have previous experience working in mammalian cell culture and with western blotting and /or immunofluorescence;

- Strong interest for cancer biology and for working with cholesterol metabolism, previous experience on any of these areas is an advantage

**IMPORTANT NOTE:** *In the event the Bachelor 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:** 8 (eight) 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 18<sup>th</sup> August in its current form (altered by Decree Law nr 123/2019, 28<sup>th</sup> 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:** October 2020

**Workplace and Scientific Orientation:** The work will be developed at SDIAS Laboratory under the supervision of Ana Magalhães.

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

**Monthly Remuneration:** 1064€, according to Regulation Fellowships of iMM and other applicable regulations. The amount will be paid through bank transfer at the end of each month.

**Necessary Documents for Applications:** - Motivation letter; - Detailed CV; - Bachelor Degree certificate (please see “IMPORTANT NOTE” indicated in the candidate profile); - Contact of two references; - Document proving the enrollment in the Masters 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 Ana Magalhães, David Barata, Sérgio Dias (all PhD’s).

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

**Deadlines and Submission of Applications:** The call will be open for 10 working days, starting on **the 8 of September and ending on the 21 of September of 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, 24 September 2020

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