

INSTITUTO DE MEDICINA MOLECULAR JOÃO LOBO ANTUNES  
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**CALL FOR ONE RESEARCH FELLOWSHIP (BI)**  
**Reference of Fellowship IMM/BI/2-2020**

The Instituto de Medicina Molecular João Lobo Antunes (iMM) opens a call for a Research Fellowship for a Master holder under *Sistema de Apoio à Investigação Científica e Tecnológica* (SAICT) – **Aviso n.º 02/SAICT/2017 - Projeto de Investigação Científica e Desenvolvimento Tecnológico (IC&DT)** with the funding support from FCT/MCTES through national funds (PIDDAC) under the project *“Astrosomes: Artificial Astrocytes as a Novel Approach to Regulate Neuronal Communication”* (PTDC/BTM-SAL/32147/2017).

**Work Plan and Goals**

1. Assembly and optimization of astrosomes, developing extra functions and tailoring the surface chemistry of these structures;
2. Development of a synaptic anchor for the astrosomes, through computational simulations, immunocytochemistry, and chemistry techniques.

**Scientific Area:** Neuroscience

**Candidate's Profile**

- Master degree holder in Neuroscience, Biochemistry and related areas, enrolled in a PhD study cycle;
- Animal experimentation course (preferential);
- Prior experience of at least 1 year full time in a research laboratory;
- Prior experience in synthetic biology techniques (mandatory);
- Prior experience in primary cultures (preferential);
- Prior experience in computational biology (preferential);
- Prior experience in enzymology and biochemistry techniques (mandatory);
- Proficiency in English (writing and speaking).

**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:** 4 (four) months on an exclusive basis, eventually renewable for equal periods, 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, changed by **Decreto-Lei n.º 123/2019, 28 de Agosto**), current Regulation of Fellowships of Fundação para a Ciência e a Tecnologia (approved by Regulamento n.º 950/2019, de 16 de Dezembro).

*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:** March 2020

**Workplace and Scientific Orientation:** The work will be developed at ASEBASTIAO Lab under the supervision of Sandra Vaz.

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

**Monthly Remuneration:** 1.064€, according to FCT Regulation Fellowship <https://www.fct.pt/apoios/bolsas/valores.phtml.pt>. The amount will be paid through bank transfer at the end of each month.

**Necessary Documents for Applications:** - Motivation letter; - Detailed CV; - MSc Degree certificate (please see “IMPORTANT NOTE” indicated in the candidate profile); - Document proving the enrollment in the PhD 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 Sandra Vaz and Joana Coelho and Professor Ana Sebastião.

**Selection Method:** Curricular evaluation (100%).

**Deadlines and Submission of Applications:** The call will be open for 10 working days, starting on 13<sup>th</sup> February and ending on 26<sup>th</sup> February 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, 29<sup>th</sup> January 2020

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