The Instituto de Medicina Molecular João Lobo Antunes (iMM - UID/BIM/50005/2019) opens a call for one Research Fellowship, with the funding support from FCT/MCTES (PIDDAC), through National Funds (PIDDAC).

**Work Plan and Goals:** The selected candidate will work in the Neves and Sousa-Victor labs at the iMM. Research in the lab is focused in understanding the effects of aging in tissue repair capacity. We study stem cell intrinsic alterations that occur during the aging process and immune modulatory strategies to optimize tissue repair capacity in older organisms. Research in the lab uses mice and flies as model organisms, as well as, in vitro models. The candidate will be responsible for management of the lab mouse colony, development and optimization of in vivo manipulation techniques and training of new lab members in all aspects of animal work. The candidate will be expected to have proficiency with breeding mice, caring for rodent colonies, and experience with working with live animals in a wet lab environment. The position will require in vivo manipulation of live animals, including injections, surgeries and phenotypic evaluations. It will also include post mortem tissue harvesting and analysis. Other tasks will be as required by the supervisors and project scientists, including assisting in immunocytochemistry, microscopy and molecular biology protocols.

**Scientific Area:** Aging, regeneration, stem cell biology, tissue repair and immune modulation.

**Candidate’s Profile**

- Master Degree in Cellular and Molecular Biology, Immunology, Stem Cell Biology or related field.
- Experience/training with in vivo mouse work, including husbandry, tissue harvesting, blood collection. Experience with rodent surgery and phenotypic assessment is a plus.
- Experience with tissue processing and staining.
- Experience with molecular biology techniques including PCR, DNA preparation/extraction, gel electrophoresis.
- Experience with general lab management is a plus.
- Ability to keep accurate data records.
- Ability to work in collaborative environments, including interactions with international external collaborators.
- Good organization skills.
- Interest in acquiring training in new techniques and availability to travel abroad to receive such training in collaborating laboratories.

**Duration of Fellowship:** 12 (twelve) months, renewable, on an exclusive basis, **not exceeding the eligible 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), current Regulation of Fellowships of Fundação para a Ciência e a Tecnologia ([https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2018.pdf](https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2018.pdf)), Career By-Law and Assessment Regulation of iMM.

The Institute 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:** May 2019

**WorkPlace and Scientific Orientation:** The work will be developed at iMM under the supervision of Drs. Joana Neves and Pedro Sousa-Victor.

**Fellow Monitoring Centre:** The monitoring centre is open on Tuesdays from 9:00AM to 1:00PM and 2:00PM to 6:00PM and Thursdays from 2:00PM to 6:00PM, at Management Unit.

**Monthly Remuneration:** €989,700 in accordance with the values defined directly by FCT, I.P in the country ([http://www.fct.pt/apoios/bolsas/valores](http://www.fct.pt/apoios/bolsas/valores)). However, depending on experience and technical expertise of the candidate and according to iMM Career By-Law, a higher amount can be paid and the difference will be iMM Lisboa’s responsibility. The amount will be paid through bank transfer.

**Necessary Documents for Applications:** - Motivation Letter; - Detailed CV; - Master Degree certificate; - Contact of a minimum of 2 references. 

*The non-compliance with these requirements determines the immediate rejection of the application.*

**Evaluation:** Applications will be evaluated by a jury composed by Joana Neves, Pedro Sousa-Victor and Bruno Silva Santos (all PhD’s).

**Selection Method:** The selection will be made based on curriculum evaluation (25%) and motivation letter (25%). The best candidate(s) will be called for an interview (50%).

**Deadlines and Submission of Applications:** The call will be open for 21 working days, starting on 1st March and ending on 29th March 2019. Applications should be sent to iMM Human Resources through the email imm-hr@medicina.ulisboa.pt, indicating the reference of fellowship IMM/BI/11-2019 (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/en/job-opportunities/results/](https://imm.medicina.ulisboa.pt/en/job-opportunities/results/) and posted at the entrance lobby of the Institute.

Lisbon, 14th February 2019

Executive Director of iMM

Professor Maria Manuel Dias da Mota, PhD