

CALL FOR A POSTDOCTORAL RESEARCHER HIRING UNDER ARTICLE 19 FROM DECREE-LAW NR 57/2016, OF 29<sup>th</sup> AUGUST,  
ALTERED BY LAW NR 57/2017, OF 19<sup>th</sup> JULY

**Reference IMM/CT/60-2021**

Instituto de Medicina Molecular João Lobo Antunes (iMM) opens a call for the hiring of a Postdoctoral Researcher correspondent to the initial level according to the Applicable Regulation, under an Unfixed-term contract with the funding support from “La Caixa” Banking Foundation, under the project “***SENSe: Targeting induced-senescent cells: a novel approach to promote spinal cord regeneration in mammals***” (HR18-00187).

**Regulation**

- Decree-Law nr 57/2016, from 29<sup>th</sup> August, altered by Law nr 57/2017, from 19<sup>th</sup> July, that approves a Doctoral Hiring regime to stimulate Scientific and Technological Employment in all knowledge areas (RJEC).
- Portuguese Labor Law, approved by Law nr 7/2009, from 12<sup>th</sup> February in its current writing.
- Regulatory Decree Nr 11-A / 2017, of 29<sup>th</sup> December.
- Decree-Law nr 10-B/2020, from 20<sup>th</sup> March.

**1. Work Plan Activities:** The post-doc will work in straight collaboration with the members of the L. Saúde lab to help design single cell RNA-seq experiments of injured spinal cords in a pro-fibrotic animal model. The post-doc will be responsible for the bioinformatic analysis of the single cell RNA-seq data at different time-points after injury. The objective will be to identify senescent cell states, senescent cell types and the evolution of the SASP over time. The project is a follow up of our Cell Reports paper (DOI:<https://doi.org/10.1016/j.celrep.2021.109334>).

**2. Members of the Jury:** According to article nr 13 from RJEC, the jury is composed by Leonor Saúde (President of the Jury and Responsible for the Project), Nuno Barbosa Morais and Luísa Figueiredo (all PhD’s).

**3. Start Date and workplace:** The contract is expected to start in September 2021 and will remain only for the necessary execution period of the work plan; the activities will be developed in iMM installations and/or other necessary locations to their execution.

**4. Monthly remuneration:** Gross monthly Remuneration is **2.134,73€**, in accordance with subsection a), section 1, article 15 from Law nr 57/2017, 19th July, and with the remuneration position at initial level predicted in article 2 of Regulatory Decree nr 11-A/2017, of 29<sup>th</sup> December, correspondent to level 33 at Tabela Remuneratória Única, approved by Order nr 1553-C/2008, 31<sup>st</sup> December and updated by Decree-Law nr 10B/2020, from 20<sup>th</sup> March.

**5. Profile of Candidate:** Any National, foreign and stateless candidate(s) that hold the following requirements can apply:

- PhD in Biological Sciences, Biomedical Sciences or Bioengineering, preferentially in Bioinformatics and/or Computational Biology;
- Programming skills, preferentially with knowledge in programming in R;
- Experience in bioinformatics analyses of next-generation sequencing transcriptomic data, preferentially single cell RNA-seq data;
- Knowledge in Statistics and Linear Algebra;
- Fluent in spoken and written English.

**IMPORTANT NOTE:** *In the event the PhD degree was awarded by a foreigner higher institution, the degree must comply with the provisions of Decree-Law nr 66/2018, 18<sup>th</sup> August, and all formalities established there must be fulfilled by applications deadline.*

**6. Application process:** The call is open from 13<sup>th</sup> July until 23<sup>rd</sup> August 2021 (30 working days), and the application documents (indicated below) should be sent, in PDF format, to Human Resources Office through the email [imm-hr@medicina.ulisboa.pt](mailto:imm-hr@medicina.ulisboa.pt), indicating the Reference of the position (mandatory):

- a) Motivation Letter in English;
- b) Detailed CV (with 2 references email contacts);
- c) PhD Certificate;
- d) Other documents that applicant may consider to be relevant to prove the scientific course.

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

6.1. False statements provided by the candidates shall be punished by law.

6.2. *iMM promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.*

6.3. Pursuant to Decree-Law nr 29/2001 of 3<sup>rd</sup> February, disabled candidates shall be preferred in a situation of equal classification, and said preference supersedes any legal preferences. Candidates must declare, on their honour, their respective disability degree, type of disability and communication / expression means to be used during selection period on their application form, under the regulations above.

**7. Evaluation criteria:** The admitted applications will be evaluated taking into account the quality, timeliness and relevance of the scientific path (scientific production and research experience) and curriculum of each candidate (a) and their adequacy to the proposed work plan.

First phase: Curriculum Analysis (80%) and Motivation Letter (10%) - Based on the Curriculum, a qualitative analysis will be done concerning its content and relevance for the tasks to be performed, namely: executed and/or published scientific work, with special emphasis on areas related to the work plan (20%); research experience and relevant knowledge as described in the candidate profile (60%). Based on the Motivation Letter, the evaluation will be focused on the motivation and interest for the activities to be performed (5%) and command of the English language (5%).

Second stage: The jury will select for the interview (10%) the candidates who obtained in the first phase a minimum rating of 50%. In the event of a tie, the decision will be responsibility of the chairman of the jury.

7.1. After the evaluation of all admitted applications, the jury will write a meeting minute with all process of recruitment, evaluation and selection including an ordered short list of approved candidates (alphabetic order) and their respective classification.

7.2. The final decision of the jury shall be validated by the Head of the Institution, who is also in charge of deciding about the hiring.

**8. Results:** Both admitted and excluded candidates list and final classification list shall be posted at iMM website at <https://imm.medicina.ulisboa.pt/jobs/#results> and all admitted candidates will be notified by email.

**9. Preliminary Hearing and Final Decision Deadline:** Pursuant to article 121 of the Administrative Procedure Code, after notified, all candidates have 10 working days to respond. Panel's final decisions are pronounced within a period of 90 days, from application deadline.

**Lisbon, 12<sup>th</sup> July 2021**