

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/19-2024

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 Unifixed-term contract, with the funding support from **Plano de Recuperação e Resiliência** funds allocated to iMM as **Center of Technology and Innovation (CTI)**, under the project "*Development of an organ-on-a-chip of triple-negative breast cancer-brain metastases for drug screening*".

**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 108/2023, from 22<sup>nd</sup> December.

1. **Work Plan Activities**

- a) Development of organ-on-a-chip for disease modeling of brain metastasis, that considers the Blood-brain barrier and cancer cells.
- b) Determination of activity of brain metastasis-targeting drugs on organ-on-a-chip.

2. **Members of the Jury:** According to article nr 13 from RJEC, the jury is composed by Professors Vera Neves (President of the Jury and Responsible for the Project), Marco Cavaco and Miguel Castanho (all PhD's).

3. **Start Date and workplace:** The contract is expected to start in May 2024 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 2.294,95€, in accordance with subsection a), section 1, article 15 from Law nr 57/2017, 19<sup>th</sup> 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 108/2023, from 22<sup>nd</sup> December.

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

1. PhD, MD, or MD/PhD in the areas of biochemistry, biotechnology engineering;
2. Previous experience on microfluidic organ-on-a-chip for blood-brain barrier modeling;
3. Experience in cancer models, preferably 3D-models;

4. Experience in fluorescence microscopy/confocal microscopy;
5. Excellent informatics skills;
6. Proficient in English, spoken and written;
7. Good managing skills;
8. Forward thinking, can-do, pro-active attitude.

6. **Application process:** The call is open from 22<sup>nd</sup> of February of 2024 until 04<sup>th</sup> of April of 2024 (30 working days), and the application documents (indicated below) should be submitted, in PDF format, through iMM website by clicking in the “Apply” button below the position job ad:

- a) Motivation Letter in English;
- b) Detailed CV;
- 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.

**Non-discrimination and equal access policy:** 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.

**International environment and experience:** Diversity is a fundamental aspect of the essence of iMM, where researchers and non-researchers of different nationalities, backgrounds and areas of study work together, promoting the exchange of experiences and interactions, contributing to the personal and professional development of each person and to the existence of an international, inclusive and stimulating environment.

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, it will be analyzed qualitatively, and in what concerns to 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 in the area of the proposed work plan as described in the candidate profile (60%).

Based on the letter of motivation will be evaluated the motivation and interest for the activities to be performed (5%), command of the English language (5%).

**Second phase:** The jury will select for the interview (evaluation: 10%) the 5 candidates who obtained in the first phase the highest ranking, with a minimum of 40%, or the number of candidates, up to 5, who obtained in the first phase a minimum rating of 40%. In the event of a tie, the decision will be responsibility of the chairman of the jury.

7.1. After 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, 21<sup>st</sup> of February of 2024

