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**CALL FOR A RESEARCH FELLOWSHIP**  
**Reference of Fellowship IMM/BI/65-2019**

Instituto de Medicina Molecular João Lobo Antunes (iMM João Lobo Antunes) opens a call for a Research Fellowship for a Cell/Molecular Biologist position funded by the European Research Council under the research project "*IL-7/IL-7R signaling networks in health and malignancy*" (ERC - IL7SIGNATURE - H2020; GA 648455).

**Work Plan and Goals:** Acute lymphoblastic leukemia (ALL) is an aggressive hematological cancer and the most frequent childhood malignancy. We and others have found that IL-7 stimulates leukemia cell viability and proliferation and that around 10% of T-ALL patients display gain-of-function oncogenic mutations in the *IL7R* gene. Recent analysis on the high risk Ph-like B-ALL subtype revealed *IL7R* or other JAK-STAT-pathway activating mutations in 10% and 50% of cases, respectively. In this project, as part of our goal to dissect the impact of IL-7/IL-7R-mediated signaling in leukemogenesis, the selected candidate will be involved in the characterization of an animal model of IL7R-mediated leukemia.

**Scientific Area:** Health Sciences - Oncobiology

**Candidate's Profile**

- Master's degree in Biomedical sciences
- Previous experience in flow cytometry (mandatory)
- Experience in cell culture (mandatory)
- Experience with animal handling, including zebrafish embryo micro-injections and transplantation
- Experience with PCR and gel electrophoresis
- Good presentation skills and English proficiency

**Duration:** Full-time, 6 months, on an exclusive basis.

**Law and Regulation:** Research Fellowship Statute (Law nr 40/2004, from August 18th, republished in attach to Decree-Law nr 202/2012, from August 27th), iMM João Lobo Antunes Regulation Fellowship, Career By-Law and Assessment Regulations.

**Predicted Start Date:** January 2020

**Workplace and Scientific Orientation:** The work will be developed at João Barata's Lab at iMM João Lobo Antunes under his supervision.

**Fellow Monitoring Centre:** The monitoring centre works on Tuesday (09:00AM to 01:00PM / 02:00PM to 06:00PM) and Thursday (02:00PM to 06:00PM), at Human Resources of iMM João Lobo Antunes.

**Monthly Remuneration:** The net monthly remuneration is **989,70€** (tax free), according to the values defined in the applicable regulations. The amount will be paid through bank transfer.

**Necessary Documents for Applications:** 1) Detailed CV, including list of publications; 2) A motivation letter with a short description of previous research experience with relevance to the project, main scientific achievements, and why you believe we should hire you; 3) MSc degree certificate. All documents must be in PDF format and sent by email to [imm-hr@medicina.ulisboa.pt](mailto:imm-hr@medicina.ulisboa.pt). **The non-compliance with these requirements determines the immediate rejection of the application.**

**Selection Method:** Motivation letter (30%) and CV evaluation (70%), based on the general adequacy of the track record of the candidate to the project.

**Evaluation:** Applications will be evaluated by a jury composed of Drs. João Taborda Barata, Rita Fragoso and Bruno Cardoso.

**Deadlines and Presentation of Applications:** The call will be open for 10 working days, **starting on 23<sup>rd</sup> October and ending on 6<sup>th</sup> November 2019.**

Applications must be addressed to [imm-hr@medicina.ulisboa.pt](mailto:imm-hr@medicina.ulisboa.pt), with all documents detailed above in PDF format, **indicating the reference of Fellowship.** **The non-compliance with these requirements determines the immediate rejection of the application.**

**Notification of Results:** The results will be published at <https://imm.medicina.ulisboa.pt/en/job-opportunities/results/> and posted at the entrance lobby of the Institute.

**Lisbon, 8<sup>th</sup> October 2019**

The Executive Director of iMM João Lobo Antunes

Professor Maria Manuel Dias da Mota