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**CALL FOR A POSTDOCTORAL RESEARCH FELLOWSHIP**  
**Reference of Fellowship IMM/BPD/78-2018**

Instituto de Medicina Molecular João Lobo Antunes (iMM) opens a call for a Postdoctoral 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:** Roughly nine percent of T-cell acute lymphoblastic leukemia (T-ALL) pediatric patients display somatic mutations in the gene that encodes the interleukin 7 receptor (*IL7R*), leading to constitutive signaling. Whether these mutations are oncogenic per se or require other cooperating events remains ill defined. Also, whether the oncogenic impact of aberrant IL7R-mediated signaling is limited to the lymphoid lineage and the hematopoietic system or whether it extends to solid tumors remains essentially unexplored. The successful candidate will be involved in the in-depth characterization of newly generated knock-in mouse models to dissect the oncogenic potential of IL-7R signaling in the in vivo development of solid tumors.

**Scientific Area:** Health Sciences - Oncobiology

**Candidate's Profile**

- PhD in Molecular/Cell Biology, Molecular Medicine, Biochemistry or equivalent;
- Excellent technical skills and strong experience in molecular and cell biology techniques (including flow cytometry);
- Expertise in the use, crossing and analysis of (transgenic) mouse models, especially of cancer, is highly desired and strongly valued;
- High degree of independence - but ready to work as a team player;
- Good communication skills.

**Duration:** Full-time, 12 months, eventually renewable, not exceeding the eligibility period of the project

**Law and Regulation:** Research Fellowship Statute (Law nr 40/2004, from August 18<sup>th</sup>, republished in attach to Decree-Law nr 202/2012, from August 27<sup>th</sup>), iMM Regulation Fellowship and iMM Lisboa Career By-Law.

**Predicted Start Date:** November 2018

**Workplace and Scientific Orientation:** The work will be developed at João Barata's Lab at iMM Lisboa 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 **1495€** (tax free), according to the values defined in the applicable regulations. However, also according to the same applicable regulation and depending on the candidate's experience and merit a higher salary can be negotiated. The amount will be paid through bank transfer. In addition, social security can be fully covered after six months of contract.

**Necessary Documents for Applications:**

- 1) your CV, including list of publications;
- 2) a motivation letter with a short description of your previous research experience with relevance to the project, your main scientific achievements, and why you believe we should hire you;
- 3) two reference letters and/or reference contacts.

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:** Initial screen (Phase 1): Motivation letter and CV evaluation (60%), based on published articles and respective impact factor, previous experience in methodologies of relevance to the project; and general adequacy of the track record to the project. The top candidates will be interviewed (Phase 2 – 40%).

**Evaluation:** Applications will be evaluated by a jury composed of Drs. João Taborda Barata, Bruno Silva Santos and Afonso Almeida.

**Deadlines and Presentation of Applications:** The call will be open for 10 working days, **starting on 17<sup>th</sup> October and ending on 30<sup>th</sup> October, 2018.**

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 (mandatory). ***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, 1<sup>st</sup> October 2018**

The Executive Director of iMM

Professor Maria Manuel Dias da Mota