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**CALL FOR A POSTDOCTORAL RESEARCH FELLOWSHIP (BIPD)**  
**Reference of Fellowship IMM/BIPD/14-2021**

Instituto de Medicina Molecular João Lobo Antunes (iMM) opens a call for a Postdoctoral Research Fellowship with the funding support from European Commission, through the research project "*Exploring the hidden life of African trypanosomes: parasite fat tropism and implications for disease*" (ERC- FATTRYP - GA771714 - H2020).

**Work Plan and Goals:** *Trypanosoma brucei* parasite has a complex life cycle adapting rapidly to changes in different host environments (nutrient availability, temperature, host defenses, etc.) for survival and function. Recently, Luisa Figueiredo lab has shown that adipose tissue is a major reservoir of *Trypanosoma brucei* parasites in a mouse model of African trypanosomiasis. This discovery raises several questions notably to understand why *T. brucei* parasite accumulates in adipose tissue and if adipose tissue environment is beneficial for the parasite survival and transmission. In this project, the postdoctoral research fellow will characterize the parasite-host interaction of tissue colonization during an infection by *T. brucei* parasites.

**Scientific Area:** Molecular, Cellular and Genetic Parasitology.

**Candidate's Profile**

- PhD holder in Biology or similar field (degree obtained for less than 3 years);
- Preference to candidates with previous experience in African Trypanosomes;
- Excellent knowledge in computational biology, specifically in genomics and transcriptomics;
- Experience in cell culture and in vitro cell assays;
- Excellent knowledge in English, spoken and written;
- International experience (congresses, courses, etc.);
- Available to start immediately.

**Duration of Fellowship:** 12 (twelve) months on an exclusive basis and eventually renewable, **not exceeding the eligible period of the project.**

**Law and Regulation:** **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, changed by **Decreto-Lei n.º 123/2019, 28 de Agosto**), current Regulation of Fellowships of iMM and iMM Career By-Law and Assessment regulations.

*The iMM 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:** September 2021

**Workplace and Scientific Orientation:** The work will be developed at Biology of Parasitism Laboratory in iMM under the supervision of Luisa Figueiredo, PhD

**Fellow Monitoring Centre:** The monitoring centre works on Tuesdays and Thursdays from 9:00AM to 6:30PM at Human Resources Office.

**Monthly Remuneration:** The amount will be **1700€** according to the amounts defined in the applicable regulations. The amount will be paid through bank transfer.

**Necessary Documents for Applications:** - 1-page motivation Letter written in English; - Detailed CV, including a list of publications, research grants, prizes and technical expertise; - PhD Certificate; - Name and Contact of two references. ***The non-compliance with these requirements determines the immediate rejection of the application.***

**Evaluation:** Applications will be evaluated by a jury composed by Luisa Figueiredo, Sandra Trindade and Fabien Guegan (all PhD's).

**Selection Method:** CV and motivation letter (75%); and interview and references (25%)

**Deadlines and Submission of Applications:** The call will be open for 10 working days, starting on **22<sup>nd</sup> of June and ending on 5<sup>th</sup> of July 2021.** Applications should be sent to iMM Human Resources through the email [imm-hr@medicina.ulisboa.pt](mailto:imm-hr@medicina.ulisboa.pt), indicating the reference of fellowship (mandatory). ***The non-compliance with these requirements determines the immediate rejection of the application.***

**Communication of Results:** The results will be published in iMM website <https://imm.medicina.ulisboa.pt/jobs/#results> and posted at the entrance lobby of the Institute.

**Lisbon, 4<sup>th</sup> of June 2021**  
The Executive Director of iMM  
Professor Maria Manuel Dias da Mota, PhD