

**INSTITUTO DE MEDICINA MOLECULAR
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FACULDADE DE MEDICINA DA UNIVERSIDADE DE LISBOA
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**CALL FOR A RESEARCH FELLOWSHIP
Reference of Fellowship IMM/BPD/26-2017**

The Instituto de Medicina Molecular (iMM Lisboa) opens a call for a Postdoctoral Research Fellowship, financed by *Projeto de Investigação Científica e Desenvolvimento Tecnológico (IC&DT) Programa de Atividades Conjuntas – projeto n.º 016417 (PD2) “Oneida (Plataforma ómica para prevenção e controlo de infeções e de resistência aos antimicrobianos)” - Sistema de Apoio à Investigação Científica e Tecnológica, funded by Fundos Europeus Estruturais e de Investimento (FEEI) - Comissão Diretiva do Programa Operacional Regional de Lisboa e pelo Orçamento de Estado - Fundação para a Ciência e a Tecnologia, I.P.*

Work Plan and Goals: A recent study from our group demonstrated that the African sleeping sickness causing parasite, *Trypanosoma brucei*, lives not only in the blood, but accumulates in large numbers in the visceral adipose tissue (Trindade et al., Cell Host and Microbe, 2016). We are looking for a fellow with experience in proteomic and metabolomic analysis to characterize how parasites adapt to living in the host tissues and how infection affects the host's metabolism. The researcher is expected to actively collaborate in several on-going efforts in the lab to (i) develop biochemical and chromatographic/mass spectrometric-based assays (ii) perform the analysis of these large data sets, using pre-existing tools and, if necessary, developing new ones using R. This data will be integrated with other datasets, including RNA-seq.

Scientific Area: Biochemistry, computer science, bioinformatics

Candidate's Profile

- PhD in Computer Science, Bioinformatics, Biology, Biochemistry, Chemistry, or related areas;

Preference criteria:

- Experience/knowledge of Liquid Chromatography coupled to Mass Spectrometry (LC-MS) methodologies;
- Experience/knowledge in structural characterisation and quantitation of metabolites, peptides and proteins;
- Experience/knowledge of bioinformatics and statistic tools to analyse large data sets;
- Excellent communication (verbal and written) skills in English;
- Excellent time management and organisational skills;
- Critical mind, Motivation and ability to work in a team.

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

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), Regulation of Fellowships of Fundação para a Ciência e a Tecnologia (<https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf>), Career By-Law and Assessment Regulation of iMM Lisboa.

The iMM Lisboa 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: May 2017

Workplace and Scientific Orientation: The work will be developed at IMM under the supervision of João Rodrigues, PhD and Luísa Figueiredo, PhD.

Fellow Monitoring Centre: The monitoring centre works on Tuesday and Thursday from 10am to 12pm, at Management Unit of IMM.

Monthly Remuneration: The amount will be 1495€ according to the amounts defined in the applicable regulations (www.fct.pt/apoios/bolsas/valores). The amount will be paid through bank transfer.

Necessary Documents for Application: - Motivation Letter; - Detailed CV; - PhD certificate; - Name and contact of two Referees. **The non-compliance with these requirements determines the immediate rejection of the application.**

Evaluation: Applications will be evaluated by the jury composed by João Rodrigues, Luísa Figueiredo and João Carriço (all PhD's).

Selection Method: Stage I: Curricular evaluation (20%), Research Experience (40%), Motivation letter (10%); Stage II: Interview (30%). If the jury deems it necessary, the top 5 candidates in Phase I will be selected for interview.

Deadline for Presentation of Applications: The call will be open for 10 working days **starting on 5th April and ending on 19th April, 2017.** Applications should be sent to iMM Human Resources through the email 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 at <https://imm.medicina.ulisboa.pt/en/job-opportunities/results/> and posted at the entrance lobby of the Institute.

Lisbon, 21st March, 2017

The Executive Director of iMM Lisboa

Professor Maria Manuel Dias da Mota, PhD