

CALL FOR A POSTDOCTORAL RESEARCH FELLOWSHIP
Reference of Fellowship IMM/BPD/149-2016

The Instituto de Medicina Molecular (iMM Lisboa) opens a call for a Postdoctoral Research Fellowship with the funding support from Projeto de Investigação Científica e Desenvolvimento Tecnológico (IC&DT) Programa de Atividades Conjuntas – projecto n.º 016394 *Precise* (Promoção do avanço significativo do conhecimento na área de medicina de precisão e sua translação para benefício da sociedade) - Sistema de Apoio à Investigação Científica e Tecnológica funded by Fundos Europeus Estruturais e de Investimento (European Structural & Investment Funds) - 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 vast majority of mitochondrial diseases arise either from mitochondrial DNA mutations or from deficits in the ATP producing mitochondrial machinery. Here, we aim to establish new approaches using next-generation sequencing to study the mitochondrial genome and bioenergetics profile of human afflicted patient samples, as well as the generation of novel cell-based strategies to correct mitochondrial dysfunction. The work plan involves:

- Processing of biological samples, including tasks such as cell culture and isolation of mitochondria and mitochondrial DNA.
- Analysis of the bioenergetics profile and mitochondrial genome of biological samples, and consequent compilation of these parameters within the phenotype of the mitochondrial disorder in study.

Scientific Area: Molecular and Cellular Biology

Candidate's Profile:

- Recently obtained Ph.D. degree (degree concluded until the end date of this call) in the areas of Biology, Biochemistry, Life Sciences or similar with an excellent publication output;
- Ability to independently and pro-actively determine study design, execution, data analysis and interpretation of in vitro and in vivo studies;
- Expertise in cell and molecular biology, biochemistry, confocal microscopy, manipulation of tissue culture and biological samples;
- Expertise in mitochondrial biology, namely mitochondrial DNA, isolation and purification procedures, and bioenergetics profile determination;
- Fluency in English (written and spoken);
- Good communication skills

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

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), Fundação para a Ciência e a Tecnologia (FCT) Regulation Fellowship in force (www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf) and iMM Lisboa Regulation Fellowship and IMM Career By-Law.

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: January 2017

Work Place and Scientific Orientation: The work will be developed at VMORAIS Lab of iMM Lisboa under the supervision of Vanessa A. Morais, PhD.

Fellow Monitoring Centre: The monitoring centre works on Tuesday and Thursday from 10am to 12pm, at Human Resources of iMM Lisbon.

Monthly Remuneration: 1495€ according to the values defined directly by FCT Regulation Fellowship in force (<http://www.fct.pt/apoios/bolsas/valores>). The amount will be paid through bank transfer.

Necessary Documents for Applications:

- Motivation Letter; - Detailed CV; - Copy of Academic Certificate (Ph.D. degree); - 2 (Two) reference letters.

The not complying with these requirements determines the immediate rejection of the application.

Evaluation: Applications will be evaluated by a jury composed by Vanessa A. Morais, Edgar Gomes and Nuno Morais, all PhD's.

Selection Method: CV appreciation (60%); Motivation Letter (10%); Reference Letters (5%) and interview (25%). Only a maximum of the 3 candidates with a score equal or above 60% from the sum of 75% will be invited for the interview.

Deadlines and Submission of Applications: The call will be open for 10 working days, starting on **December 26th, 2016 and ending on January 6th, 2017**. Applications should be sent to iMM Human Resources through the email imm-hr@medicina.ulisboa.pt, indicating the reference of fellowship (mandatory). The not complying 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, December 9th, 2016

The Executive Director of Instituto de Medicina Molecular
(Maria Manuel Dias da Mota, PhD)