

iMM is recruiting a Postdoctoral Researcher under an Employment Contract - Reference IMM/CT/87-2021

The iMM – Instituto de Medicina Molecular João Lobo Antunes is a leading Portuguese private non-profit research institute that offers a vibrant scientific environment, aiming to nurture innovative ideas in basic, clinical and translational Biomedical Research. Created in 2002, iMM has established itself as a leading national and internationally competitive biomedical institute. Its strategy has been defined by promotion of excellence, leveraged by high-quality human resources, increasing expenditure in infrastructures and knowledge transfer to the society.

What iMM seeks: At this moment iMM is looking for a post-doctoral researcher to join the Plasmodium Infection & Anti-malarial interventions Laboratory, under the Associate Laboratory statute within funding reference **UIDB/50005/2020 BPLA 2020-2023** supported by National Funds (FCT – OE), to execute the following activities under the supervision of Miguel Prudêncio:

- Maintenance of *Plasmodium falciparum* facility, including:
 - Ensuring the maintenance of *Plasmodium falciparum* blood stage cultures
 - Infection, maintenance and dissection of *Anopheles* mosquitoes with *Plasmodium falciparum*
 - Management and maintenance of the laboratory's *Plasmodium falciparum* parasite lines
 - Training other laboratory members and facility users on basic *Plasmodium falciparum* blood stage culture techniques and provide specific experimental assistance when required
 - Manage access to and keep track of activities performed by other laboratory members in the *Plasmodium falciparum* facility
- Participation in the *Anopheles* mosquito insectary's activities, including:
 - Maintenance of the *Anopheles* mosquito colony
 - Production and maintenance of *Anopheles* mosquitoes for infection with *Plasmodium* parasites
 - Infection and dissection of *Anopheles* mosquitoes with rodent malaria *Plasmodium* parasites
- Perform drug and antibody activity assays, including:
 - Assessment of drug and antibody activity against *Plasmodium falciparum* blood stages
 - Standard membrane feeding assays
- Laboratory Management activities, including
 - General management and maintenance of *Plasmodium falciparum* facility and *Anopheles* insectary's equipment and stocks

Profile of Candidate

- **PhD in Parasitology or related areas (mandatory);**
- Experience in the maintenance of *Plasmodium falciparum* blood stage cultures (mandatory);
- Experience in the evaluation of compound activity against blood stage *Plasmodium falciparum* infection in vitro (highly desirable)
- Experience in the infection of *Anopheles* mosquitoes with *Plasmodium falciparum* parasites (mandatory);
- Experience in maintenance of *Anopheles* mosquito colonies and their infection with *Plasmodium* parasites (highly desirable);
- Work practice in the area of malaria research (mandatory);
- Accreditation for animal experimentation, according to FELASA's Category B recommendations (highly desirable);
- Experience in the use of animal models of *Plasmodium* infection.

- Knowledge of microscopy and flow cytometry techniques (preferred);
- Lab management experience (preferred);
- High sense of responsibility, organization, and a methodical approach to work;
- Dynamic and pro-active attitude, team spirit, and ability to think critically;
- Excellent communication skills and ability to interact constructively with different types of personalities and professional ranks;
- Proficiency in spoken and written English.

IMPORTANT NOTE: *In the event the PhD degree was awarded by a foreigner higher institution, the degree must comply with the provisions of **Decree-Law nr 66/2018, 18th August**, and all formalities established there must be fulfilled by applications deadline.*

What iMM offers: iMM will offer outstanding working conditions in this area in Portugal, including a full-time contract, starting predictably in February or later, and the possibility to work in the interface of research and research support facilities.

Working Conditions: Non-term employment contract; - Gross monthly salary of 2.134,73€, in accordance with the project budget and iMM Career By-Law. The indicated amount will be subject to the mandatory taxes accordingly to Portuguese Labor Law.

How to apply: Please submit your Motivation Letter, Detailed CV, PhD certificate and contacts of 2 references in PDF format through iMM website by clicking in the “**Apply**” button below the position job ad, **from 13th of December 2021 until 24th of December 2021.**

Non-discrimination and equal access policy: 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.

Pursuant to Decree-Law nr 29/2001 of 3rd February, disabled candidates shall be preferred in a situation of equal classification, and said preference supersedes any legal preferences. Candidates must declare, on their honour, their respective disability degree, type of disability and communication / expression means to be used during selection period on their application form, under the regulations above.

Evaluation Criteria: Applications will be evaluated by Miguel Prudêncio, Maria Mota and António Mendes, in accordance with the following method:

- 1st Phase: Curricular evaluation: 40% and Motivation Letter: 25%;
- 2nd Phase: Interview: 35% Only selected candidates who score > 50% in phase 1 will be interviewed.

Results: Both admitted and excluded candidates list and final classification list shall be posted at iMM website at <https://imm.medicina.ulisboa.pt/jobs/#results> and all admitted candidates will be notified by email.



Instituto
de Medicina
Molecular

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Preliminary Hearing and Final Decision Deadline: After notification, all candidates have 10 working days to respond. Panel's final decisions are pronounced within a period of 90 days, from application deadline.

Lisbon, 10th of December 2021

