

iMM is recruiting a Laboratory Technician under an Employment Contract

Reference IMM/CT/58-2021

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: iMM is looking for a Laboratory Technician to join the Plasmodium Infection & Anti-malarial Interventions Laboratory (Prudêncio Lab), under the research project “*Production and maintenance of Plasmodium-infected mosquitoes*”, funded by Merck, S.A., to carry out 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 technics 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

Candidate’s Profile

- **BSc and/or MSc in Biology, Parasitology or related areas (mandatory)**

- Experience in the maintenance of *Plasmodium falciparum* blood stage cultures (strongly preferred);
- Experience in maintenance of *Anopheles* mosquito colonies and their infection with *Plasmodium* parasites (preferred);
- Work practice in the area of malaria research (preferred);
- Accreditation for animal experimentation, according to FELASA’s Category B recommendations (preferred);
- 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.

What iMM offers: iMM will offer outstanding working conditions in this area in Portugal, including a full-time unfixed-term contract, starting predictably in September 2021 for an estimated predicted duration of 12 months and the possibility to work at the interface between research and research support facilities.

Working Conditions: Gross annual salary of approximately **17.950€ (includes base monthly salary, Holidays and Christmas allowances and meal allowance)**, in accordance with the project budget and iMM Career By-Law. The indicated amounts will be subject to the mandatory taxes accordingly to Portuguese Labor Law (with exception of the meal allowance).

How to apply: Please submit your Motivation Letter, Detailed CV, BSc and/or MSc certificates and contacts of 2 references, **from 5th July 2021 until 16th July 2021**, to imm-hr@medicina.ulisboa.pt.

Evaluation Criteria: Applications will be evaluated by Miguel Prudêncio, António M. Mendes and Carla Oliveira, in accordance with the following method:

- 1st Phase: Curricular evaluation: 40% and Motivation Letter: 25%;
- 2nd Phase: Interview: 35%

Notification of Results: The results will be published in iMM website <https://imm.medicina.ulisboa.pt/jobs/#results>.

Lisbon, 2nd July 2021