

iMM is recruiting an Expert in Electron Microscopy under a Non-Term Employment Contract - Reference IMM/CT/22-2022

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 an expert in electron microscopy to join the Comparative Pathology Unit (CPU), under the Associate Laboratory statute within funding reference *LA/P/0082/2020* supported by National Funds (FCT – OE), to undertake the following activities under the supervision of Professor Luisa Figueiredo:

- Discussion with researchers to decide on experimental approach to tackle their scientific questions;
- Preparing and fixing biological specimens using conventional fixation methods and high-pressure freezing techniques;
- Grid preparation (thin film coating, carbon coating);
- Thin and ultra-thin sectioning of samples;
- Preparation of stains and post-staining grids;
- Manipulation of electron microscopes and collection of images;
- Perform routine laboratory tasks such as basic equipment maintenance, ordering supplies, and other work required for the operation of the facility;
- Maintain records of experiments, and deliver reports to researchers in written and oral English formats;
- Follow all safety procedures to maintain a safe workplace;
- Train graduate students, post-doctoral fellows, and technicians in electron microscopy techniques and instrument operation.

Profile of Candidate

- PhD holder with >5 years of post-doctoral experience in Electron microscopy procedures (SEM, TEM, FIB-SEM) and techniques such as sample fixation, sample embedding, sectioning, and post-staining;
- Experience of tackling different research questions and working in different institutional environments;
- Experience in cryo electron microscopy, correlative light and electron microscopy (CLEM), and 3D imaging techniques such as electron tomography will be considered a very strong asset;
- Excellent written and verbal communication skills in English and Portuguese;
- Excellent organizational and problem-solving skills;
- Interest to learn how to operate, maintain and troubleshoot electron microscopes and other related equipment;
- Ability to perform tasks requiring a high degree of manual dexterity and patience;
- Able to establish and maintain effective working relationships with supervisors, co-workers and users of the facility;
- Demonstrated independent work as well as small-team work;
- General skills in light microscopy (e.g. transmission light microscopy, fluorescent microscopy) is desirable.

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 May 2022, and the possibility to work in the interface of research and research support facilities.

Working Conditions: Non-term employment contract; - Gross monthly salary of 2.665,50€, 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 21st of February 2022 until 4th of March 2022.**

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 Luisa Figueiredo, Edgar Gomes and Vanessa Morais, in accordance with the following method:

- 1st Phase: CV and experience in electron microscopy: 60%; motivation letter: 20%;
- 2nd Phase: Interview: 20%. Only selected candidates who score > 70% 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.

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, 18th of February 2022