

## **iMM is recruiting a Postdoctoral Researcher under an Employment Contract Reference IMM/CT/38-2022**

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 a Postdoctoral Researcher to join the Physical Biochemistry of Drugs & Targets Laboratory coordinated Prof. Miguel Castanho, under the research project *HR21-00605 - “Protecting the brain from metastatic breast cancer” (BREAST-BRAIN-N-BBB)*, funded by “La Caixa” Foundation, to execute the following activities under the supervision of Prof. Miguel Castanho:

- Design of biologicals, e.g. antibodies/antibody-drug conjugates;
- Biophysical characterization of therapeutic molecules: Lipid membranes, affinity constants and binding kinetics, stability in serum;
- Evaluation of therapeutic efficacy in *in vitro* tumor cell models; breast cancer cells and cancer stem cells;
- In vitro cytotoxicity;
- Evaluation of blood-brain barrier (BBB) translocation, using *in vitro* BBB models;
- Development of in vitro models of brain metastasis.

### **Profile of Candidate**

- PhD in Biomedical Sciences or related areas;
- Experience in protein-peptide conjugation;
- Experience in biophysical approaches;
- Experience in cell culture models: *in vitro* BBB models, spheroids and co-culture models;
- Excellent informatics skills;
- Proficient in English, spoken and written;
- Good managing skills;
- Forward thinking, can-do, pro-active attitude.

**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:** Unfixed-Term employment contract for a predicted duration of 24 (twenty-four) months. The gross monthly remuneration will be in accordance with the project budget and iMM Career By-Law. The indicated remuneration 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 1<sup>st</sup> of April until 15<sup>th</sup> of April 2022.**

**Non-discrimination and equal access policy:** iMM promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.

Pursuant to Decree-Law nr 29/2001 of 3<sup>rd</sup> 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 Castanho (President of the Jury), Vera Neves and Ana Salomé Veiga, in accordance with the following method:

- **1<sup>st</sup> Phase: Curricular evaluation: 50% and Motivation Letter: 25%.**

The Curriculum will be analyzed qualitatively in what concerns the relevance of the candidate's experience for the tasks to be performed, including executed and/or published scientific work, with special emphasis on areas related to the work plan (25%); research experience and relevant knowledge in the area of the proposed work plan as described in the candidate's profile (25%). The motivation and interest for the activities to be performed (10%), the fit between the applicant's prior experiences/expertise/relevant knowledge and the work plan (10%) and the command of the English language (5%) will be analyzed based on the Motivation Letter.

- **2<sup>nd</sup> Phase: Interview: 25%.**

The jury will select for the interview (evaluation: 25%) the candidates who obtained a minimum of 50% in the first phase of the evaluation. In the event of a tie, the decision will be responsibility of the chairman of the jury.

**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, 31<sup>st</sup> of March 2022**