iMM is recruiting a Data Science and Information Systems Director under an Employment Contract - Reference IMM/CT/60-2022

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 Data Science and Information Systems Director under the Associate Laboratory statute within funding reference *LA/P/0082/2020* supported by National Funds (FCT – OE), to execute the following activities under the supervision of iMM Board of Directors:

- Coordinate the Data Science and Information Systems Unit of iMM, including the management of its staff and definition of its medium/long term objectives and strategies.
- Creation and consolidation of a Data and Engineering Science team, through recruitment, training and mentoring.
- Define the strategic vision and the path of articulated evolution of the platforms and internal processes of data dealing (acquisition, harmonization, manipulation, analysis, visualization, sharing, storage) to facilitate the activities and initiatives in data science at iMM.
- Lead the definition of best practices in management and engineering of scientific data at iMM and ensure their effective implementation among all users.
- Implement Blockchain solutions for the management of biomedical data and, in particular, for protection, anonymization and access control to associated clinical information.
- Maintain essential Information Technology operations (operating systems, security tools, applications, servers, email systems, laptops, desktops, software and hardware), as well as their infrastructure, and provide second-line helpdesk support to iMM users.
- Ensuring data security, network access and backup systems.
- Design and implement IT solutions for the management needs of iMM, including the maintenance of the respective software (e.g., Unit4, Dynamics NAV), Intranet and databases.
- Manage High Performance Computing servers and virtualization platforms, coordinating the training of its users in the management of their respective resources, and contributing to the development of solutions that facilitate the implementation of artificial intelligence algorithms for the analysis of large image data and "omics".
- Development and implementation of solutions to support biostatistics and bioinformatics analysis for non-specialized users.

Profile of Candidate

- PhD in Informatics, Computer Science, Information Technologies, Data Sciences or a similar area.
- Experience in leading teams and projects in Information Technology and Data Management.
- Demonstrated ability to frame, lead, prioritize and contribute to multi-disciplinary team projects.
- Scientific curiosity, with the ability to identify computationally approachable issues and to develop solutions independently and collaboratively.

- Experience in the development of artificial intelligence solutions for the analysis of biomedical data.
- Proficiency in written and oral English and excellent communication skills.
- Experience in Distributed Ledger Technologies, namely Blockchain, will be valued.
- The international experience of the candidate, although not a determining criterion for selection, will be valued.

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

Working Conditions: Non-term employment contract; - Gross monthly salary in accordance with relevant experience and iMM Career By-Law. The salary will be subject to the mandatory taxes accordingly to Portuguese Labor Law.

How to apply: Please submit your Motivation Letter, Detailed CV, PhD certificate in PDF format through iMM website by clicking in the **"Apply"** button below the position job ad**, from 20th of May until 2nd of June 2022.**
Note: Candidates who incorrectly formalize their application or do not submit the documents proving the compliance with the requirements indicated in the call will be excluded. The jury has the right to require to any candidate, in case of doubt, to present documents proving their statements.

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.

International environment and experience: Diversity is a fundamental aspect of the essence of iMM, where researchers and non-researchers of different nationalities, backgrounds and areas of study work together, promoting the exchange of experiences and interactions, contributing to the personal and professional development of each person and to the existence of an international, inclusive and stimulating environment.

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 Maria M. Mota, Bruno Silva Santos and Nuno Morais in accordance with the following method:
1st Phase: Curricular Evaluation: 40% and Motivation Letter: 10%;

2ⁿᵈ Phase: Interview: 50%. Only selected candidates who score at least 35% 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.
The present call is exclusively aimed at filling the indicated vacancy and may be terminated until the homologation of the final candidates' ranking list and expires with the respective occupation of the position on offer.

Lisbon, 19ᵗʰ of May 2022