

## Post Doctoral position at the CMAzzalin laboratory

### Instituto de Medicina Molecular João Lobo Antunes, Lisbon, Portugal

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 Lisboa 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.

At this moment, iMM is looking for a Post Doctoral Researcher to join the ‘Telomeres, long noncoding RNAs and genome stability’ Laboratory, coordinated by Claus M. Azzalin, PhD (<https://imm.medicina.ulisboa.pt/pt/investigacao/laboratorios/azzalin-claus-m-lab/>), under the research project *“TERRA and telomerase-mediated telomere elongation: unveiling novel molecular pathways towards the development of innovative therapeutic approaches for cancer treatment”*.

The project aims at understanding the functional connections between the long noncoding RNA TERRA and telomerase-mediated telomere elongation in human cancer cells. More specifically, the project intends to establish molecular biology based approaches to analyze the cellular levels of the TERRA as well as its post-transcriptional modifications; to employ CRISPR/Cas9-based tools to produce rapid telomere shortening in human cancer cells; to analyze the effects that TERRA alterations exert on telomerase-mediated elongation of telomeres. Experience in cell biology, biochemistry, RNA biology and molecular biology are required. Additionally, publications in peer-reviewed journal will be positively evaluated.

#### 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 2018, and the possibility to work in the interface of research and research support facilities.

#### Working Conditions

- 14-month full-time employment contract (unfixed-term)
- Gross monthly salary of **2.128,34€** in accordance with **Decree-Law nr 57/2016, from 29th August**, altered by **Law nr 57/2017, from 19th July**, that approves a Doctoral Hiring regime to stimulate Scientific and Technological Employment in all knowledge areas (RJEC); **Portuguese Labor Law**, approved by Law nr 7/2009, from 12th February in its current writing and **Regulatory Decree Nr 11-A / 2017, of 29th December**.

#### How to apply

Please submit your motivation letter in English, Detailed CV in English, PhD certificate, email contacts and details of two referees and other documents that applicant may consider to be relevant to prove the scientific course (optional), from 14<sup>th</sup> June until 8<sup>th</sup> August, 2018, to Claus M. Azzalin ([cmazzalin@medicina.ulisboa.pt](mailto:cmazzalin@medicina.ulisboa.pt))

**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 341/2007, 12<sup>th</sup> October, and all formalities established there must be fulfilled by applications deadline.*