

INSTITUTO DE MEDICINA MOLECULAR JOÃO LOBO ANTUNES  
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**CALL FOR ONE INITIATION RESEARCH FELLOWSHIP (BII)**  
**Reference of Fellowship iMM/BII/21-2020**

Instituto de Medicina Molecular João Lobo Antunes (iMM) opens a call for ONE Initiation Research Fellowship for a PhD student with the funding support from the European Molecular Biology Organization, under the project "**TERRA and telomere transcription: towards therapies for healthy aging**".

**Work Plan and Goals**

- Expression and purification of recombinant human telomeric proteins
- Analysis of recombinant telomeric protein interaction with DNA and RNA in vitro
- Analysis of telomeric protein interaction with DNA and RNA in human cancer cells

**Scientific Area:** Biochemistry, Cell Biology, Molecular Biology

**Candidate's Profile**

- Master degree holder in biology or related areas, enrolled in a PhD study cycle;
- Experience in protein expression in bacteria and purification;
- Experience in DNA and RNA EMSAs;
- Experience in human cell culture (cell passaging, cell transfection and infection, siRNA- and shRNA-mediated depletion, etc.);
- Experience in cell and molecular biology techniques to analyse genome integrity (IF, western blotting, southern blotting, DNA-FISH, etc.);
- Experience in cell and molecular biology techniques to analyse long noncoding RNAs (northern blotting, RT-qPCR, RNA-FISH, etc.);
- Proven knowledge of telomere biology and genome stability;
- Strong autonomy, management and responsibility skills;
- Strong interpersonal and communication skills;
- Team oriented attitude;
- Good command of written English.

**Duration of Fellowships:** 6 (six) months on an exclusive basis, eventually renewable (not exceeding the eligibility period of the project (predicted to end on 31<sup>st</sup> December 2021).

**Law and Regulation:** Estatuto do Bolseiro de Investigação (Lei n.º 40/2004, de 18 de Agosto, republished in attachment to Decreto-Lei n.º 202/2012, de 27 de Agosto, changed by **Decreto-Lei n.º 123/2019, 28 de Agosto**), current Regulation of Fellowships, Career By-Law and Assessment Regulations of iMM.

*The 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.*

**Predicted Start Date:** March 2021

**Workplace and Scientific Orientation:** The work will be developed at CMAzzalin Laboratory under the supervision of Claus M. Azzalin.

**Fellow Monitoring Centre:** The monitoring centre works on Tuesdays and Thursdays from 9:00AM to 6:30PM at Human Resources Office.

**Monthly Remuneration:** 1.300,00€, according to the values defined in the applicable regulations. The amount will be paid through bank transfer at the end of each month.

**Necessary Documents for Applications:** - Motivation letter in English; - Detailed CV in English; - Master Degree certificate; - Document proving the enrollment in the PhD study cycle. ***The non-compliance with these requirements determines the immediate rejection of the application.***

**Evaluation:** Applications will be evaluated by a jury composed by Doctors Claus M. Azzalin, Bruno Silva, Sergio de Almeida (all PhDs).

**Selection Method:** Curricular evaluation (50%) and Motivation letter (50%).

**Deadlines and Submission of Applications:** The call will be open for 10 working days, starting on **31<sup>st</sup> December 2020 and ending on 14<sup>th</sup> January 2021**. Applications should be sent to iMM Human Resources through the email [imm-hr@medicina.ulisboa.pt](mailto:imm-hr@medicina.ulisboa.pt), indicating the reference of fellowship (mandatory). ***The non-compliance with these requirements determines the immediate rejection of the application.***

**Communication of Results:** The results will be published at <https://imm.medicina.ulisboa.pt/jobs/#results> and posted at the entrance lobby of the Institute.

**Lisbon, 15<sup>th</sup> December 2020**  
The Executive Director of iMM  
Maria Manuel Dias da Mota, PhD