The Instituto de Medicina Molecular (iMM João Lobo Antunes - UID/BIM/50005) opens a call for one Postdoctoral Research Fellowship with the funding support from FCT/MCTES (PIDDAC), co-financed by FEDER, through the Programa Operacional Regional de Lisboa (POR Lisboa 2020), under the project LISBOA-01-0145-FEDER-007391.

**Work Plan and Goals**
- To establish human cell lines where to induce telomere damage using CRISPR/cas9 genome editing
- To establish human cell lines where to induce transcription of telomeric RNA
- To analyze the DNA damage response and karyotype stability in the aforementioned cellular systems

**Scientific Area:** biochemistry, cell biology, molecular biology

**Candidate’s Profile**
- PhD in biology or related areas
- First author publication(s) in high profile, peer reviewed international scientific journals
- Experience in molecular biology and cell biology
- Experience in CRISPR/Cas9 genome editing, RNA biology and/or DNA damage biology
- Deep interest in genome stability and in particular chromosome end protection
- Good knowledge of English (spoken and written)
- Excellent communication and team spirit
- Critical mind, proactivity and independence
- Academic career orientation

**Duration of Fellowship contract:** 6 months, on an exclusive basis, eventually renewable until the end date of the project predicted to 31st December 2018.

**Law and Regulation:** Research Fellowship Statute (Law nr 40/2004, from August 18th, republished in attach to Decree-Law nr 202/2012, from August 27th), iMM João Lobo Antunes Regulation Fellowship, Career By-Law and Assessment Regulations.

*The iMM João Lobo Antunes 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:** February or later upon agreement (but not later than 1st of July 2018).

**WorkPlace and Scientific Orientation:** The work will be developed at CMAzzalin Lab, of iMM Lisboa under the supervision of Claus M. Azzalin, PhD.

**Fellow Monitoring Centre:** The monitoring centre works on Tuesday (09:00AM to 01:00PM / 02:00PM to 06:00PM) and Thursday (02:00PM to 06:00PM), at Human Resources of iMM João Lobo Antunes.

**Monthly Remuneration:** 1495€ according to the values defined in FCT Fellowship Regulation [www.fct.pt/apoios/bolsas/valores](www.fct.pt/apoios/bolsas/valores). The amount will be paid through bank transfer.

**Necessary Documents for Applications:** - Motivation Letter in English (include detailed description of previous laboratory experience); - Detailed CV in English; - PhD Certificate;

*The non-compliance with these requirements determines the immediate rejection of the application.*

**Evaluation:** Applications will be evaluated by a jury composed by Claus M. Azzalin, Sergio Almeida and Rajika Arora (all PhDs)

**Selection Method:** The candidate will be selected based on detailed analysis of CV and motivation letter (50%), followed by an interview (50%). Skype interviews will also be considered, if necessary. Reference letters will also be requested.

**Deadlines and Submission of Applications:** The call will be open for 20 working days, starting on 2nd February and ending on 1st March 2018.

Applications should be sent to iMM Human Resources through the email 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/en/job-opportunities/results/](https://imm.medicina.ulisboa.pt/en/job-opportunities/results/) and posted at the entrance lobby of the Institute.

Lisbon, 18th January, 2018

Executive Director of iMM João Lobo Antunes
Professor Doutora Maria Manuel Dias da Mota