

INSTITUTO DE MEDICINA MOLECULAR JOÃO LOBO ANTUNES

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Jury Meeting minute

Cune

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Reference of Fellowship IMM/BII/21-2020

Instituto de Medicina Molecular João Lobo Antunes (iMM) opened 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*".

The advert was published in EraCareers on 15th December 2020 and also disseminated in iMM website.

The call was opened from 31st December 2020 until 14th January 2021, having the following candidates applied (in alphabetic order):

- Patricia Lona Abreu
- Rupin Saha

The applicant Rupin Saha was excluded since she did not submit all the required documentation indicated in the call.

On January 18th, 2020 the jury composed by Claus M. Azzalin, Bruno Sousa Silva and Sérgio Almeida (all PhDs), met to analyze the application documents, in accordance with the evaluation criteria and valuation indicated in the job advert. See below:

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*

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.

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.**

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

Curricular Evaluation (50%)

Under the curricular evaluation the jury decided to assign the following valuation to each one of the criteria:

- 1) Master degree holder in biology or related areas, enrolled in a PhD study cycle (5%);
- 2) Experience in protein expression in bacteria and purification (10%);
- 3) Experience in DNA and RNA EMSAs (5%);
- 4) Experience in human cell culture (cell passaging, cell transfection and infection, siRNA- and shRNA-mediated depletion, etc.) (10%);
- 5) Experience in cell and molecular biology techniques to analyse genome integrity (IF, western blotting, southern blotting, DNA-FISH, etc.) (10%);
- 6) Experience in cell and molecular biology techniques to analyse long noncoding RNAs (northern blotting, RT-qPCR, RNA-FISH, etc.) (5%);
- 7) Proven knowledge of telomere biology and genome stability (5%).

Motivation Letter (50%)

- 1) Deep interest in telomere biology and genome stability (30%);
- 2) Adequacy of the candidate to the proposed activities (10%);
- 3) Strong communication skills (5%);
- 4) Domain of the English language (5%).

The analysis and discrimination of each candidate classification is presented in the table of Annex I attached to this minute, from the highest to the lowest classification.

Following this, the jury decided, unanimously, to select Patricia Lona Abreu, since she was the applicant that demonstrated to have the necessary skills to proceed with the proposed work plan.

Lisbon, January 18th, 2021



Claus M. Azzalin



Bruno Sousa Silva



Sérgio Almeida

ANEXO I

Fellowship Reference IMM/BI/21-2020

Candidate	Curricular Evaluation (50%)							Motivation Letter (50%)				Total	Justification
	Master degree holder in biology or related areas, enrolled in a PhD study cycle (5%)	Experience in protein expression in bacteria and purification (10%)	Experience in DNA and RNA EMSAs (5%)	Experience in human cell culture (cell passaging, cell transfection and infection, siRNA- and shRNA-mediated depletion, etc.) (10%)	Experience in cell and molecular biology techniques to analyze genome integrity (IF, western blotting, southern blotting, DNA-FISH, etc.) (10%)	Experience in cell and molecular biology techniques to analyze long noncoding RNAs (northern blotting, RT-qPCR, RNA-FISH, etc.) (5%)	Proven knowledge of telomere biology and genome stability (5%)	Deep interest in telomere biology and genome stability (30%)	Adequacy of the candidate to the proposed activities (10%)	Strong communication skills (5%)	Domain of the English language (5%)		
Patricia Lona Abreu	5	10	5	10	10	3	5	30	9	5	5	97	The candidate has strong and proven expertise in molecular and cellular biology, as well as in biochemistry with purified proteins. Additionally, the motivation letter clearly shows her interest in genome stability and telomere biology and her command of the written English. Overall the candidate has all the requested skills and fits very well the profile of the job.

Unusual

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