

INSTITUTO DE MEDICINA MOLECULAR JOÃO LOBO ANTUNES

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Jury Meeting Minute

Reference of Fellowship IMM/BII/20-2022

Instituto de Medicina Molecular João Lobo Antunes (iMM) opened a call for one research fellowship with the funding support from LIMM Therapeutics S.A., through the research project "*LIMM - Protocolo NMORAIS LAB*".

The ad was published at the EURAXESS Portugal Portal, on the 7th July 2022 and also disseminated in iMM website.

The call was opened from 8th July 2022 until 21st July 2022, during which the following applicant applied:

- ✓ Mariana Ascensão Ferreira

On the 22nd of July 2022 the jury composed by Nuno Morais, Leonor Saúde and Miguel Casanova Parente (all PhD), met to analyze the application documents (-Motivation Letter in English; - Detailed CV; - MSc Degree certificate; - Contacts of two references.), in accordance to the profile and work plan indicated in the job advert.

Work Plan and Goals: - Development of R pipelines of bioinformatics analysis of differential splicing on transcriptomic data generated by next-generation sequencing platforms. - Creation of Bioconductor packages and interactive dashboards for the aforementioned pipelines. - Bioinformatics analysis of transcriptomic data from human cell lines for the understanding of the molecular aetiology and the definition of novel molecular signatures (namely at the alternative splicing level) associated with different types of induced and replicative cell senescence. - Writing of manuscripts reporting the results of the studies to which this call is linked.

Candidate's Profile: - Master degree holder in Bioinformatics or Biomedical Engineering fields.- Advanced knowledge in programming in R.- Experience in bioinformatics analyses of next-generation sequencing transcriptomic data. - Intermediate knowledge in Statistics and Linear Algebra. - Intermediate knowledge in Cell and Molecular Biology.
- Fluency in written and spoken English.

Necessary Documents for Applications: - Motivation Letter in English; - Detailed CV; - MSc Degree certificate; - Contacts of two references; In case the applicant does not have yet the required degree certificate, a declaration of honor stating the conclusion of the necessary qualifications for the purposes of this process will be accepted and must be sent by the end date of the call.

Selection Method: Curricular evaluation (50%) and Interview (50%).

Curricular Evaluation (50%)

In the curricular evaluation, the jury considered the following criteria:

- Master degree holder in Bioinformatics or Biomedical Engineering fields, enrolled in a PhD study cycle (10%);
- Advanced knowledge in programming in R (10%);
- Experience in bioinformatics analyses of next-generation sequencing transcriptomic data (10%);
- Intermediate knowledge in Statistics and Linear Algebra (10%);
- Intermediate knowledge in Cell and Molecular Biology (10%).

Interview (50%)

The interview phase took place on 22nd of July 2022 and it was based in the criteria indicated below:

- a) Adequacy of the track record of the candidate to the work plan (15%);
- b) Autonomy, critical thinking, scientific curiosity and motivation for the proposed activities and to work in a multidisciplinary team (15%);
- c) Analytical profile, used to goal-oriented work and to deadlines (10%);
- d) Command of the English language (10%).

The analysis and discrimination of the sole candidate's classification in the Second phase and total classification and ranking is presented in Annex II.

At this stage, the sole candidate will be the one selected for the position.

Lisbon, 25th of July 2022

Nuno Morais (IMM)



Leonor Saúde (IMM)



Miguel Casanova Parente (IMM)



ANEXO I

ANNEX I - Fellowship Reference IMM/BI1/20-2022

Applicant	Curricular Evaluation (50%)					Total	Justification
	Master degree holder in Bioinformatics or Biomedical Engineering fields, enrolled in a PhD study cycle (10%)	Advanced knowledge in programming in R (10%)	Experience in bioinformatics analyses of next-generation sequencing transcriptomic data (10%)	Intermediate knowledge in Statistics and Linear Algebra (10%)	Intermediate knowledge in Cell and Molecular Biology (10%)		
Mariana Ascensão Ferreira	10	9	10	9	8	46	Candidate with CV perfectly adequate to the project's tasks, with several years of experience in bioinformatics analyses of differential splicing from next-generation sequencing transcriptomic data, as well as scientific interests in senescence.

Mariana Ascensão Ferreira

Fernando Pereira

Luís Miguel Oliveira

ANNEX II - Fellowship Reference IMM/BI1/20-2022

Applicant	CV + Motivation Letter (50%)	Interview (50%)				Total ANNEX II	Justification	Total ANNEX I + ANNEX II	Ranking
		Adequacy of the track record of the candidate to the work plan (15%)	Autonomy, critical thinking, scientific curiosity and motivation for the proposed activities and to work in a multidisciplinary team (15%)	Analytical profile, used to goal-oriented work and to deadlines (10%)	Command of the English language (10%)				
Mariana Ascensão Ferreira	46	14	14	9	9	46	The interview validated the impression derived from the curricular evaluation.	92	1

Uma das Rubricas

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Reynold Casanova

Declaração de inexistência de conflito de interesses (CDI)

Os membros do júri do Concurso para Atribuição de 1 (uma) Bolsa de Iniciação à Investigação, Ref.ª IMM/BII/20-2022, aberto ao abrigo do projeto, "LIMM - Protocolo NMORAIS LAB", vêm por este meio declarar que não se encontram em situação de conflito de interesses que os impeça de participar no respetivo processo de seleção e atribuição de bolsa.

Declaram também manter a confidencialidade ao longo do processo de avaliação.

Lisboa, 22 de Julho de 2022

Nuno Morais (IMM)



Leonor Saúde (IMM)



Miguel Casanova Parente (IMM)



