

INSTITUTO DE MEDICINA MOLECULAR JOÃO LOBO ANTUNES

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Zita Santos
Ricardo
Jorge Carvalho

Jury Meeting Minute

Reference of Fellowship IMM/BII/19-2024

Instituto de Medicina Molecular João Lobo Antunes (iMM) opened a call for one research fellowship under the project “*Sub-cellular Metabolic Compartmentalization during Oocyte Development*” with funding support from the *Chan Zuckerberg Initiative DAF*.

The ad was published at EURAXESS Portugal Portal on 5th of April 2024 and also disseminated in iMM website.

The call was opened from 8th of April 2024 until 19th of April 2024 and during which the following applicant applied:

- ✓ Aberham Abere Alemayehu
- ✓ Nuno Pimpão Santos Martins

On the 29th of April of 2024, the jury composed by Zita Santos (iMM), Ricardo Henriques (IGC) and Jorge Carvalho (IGC) met to analyze the application documents (Motivation Letter in English, Detailed CV, MSc certificate and contacts of 2 references).

Work Plan and Goals: - *The candidate will integrate a novel highly collaborative project that will be carried out between two laboratories with complementing expertise: the Organismal Physiology Laboratory with expertise in the areas of metabolism and animal physiology and the Optical Cell Biology Laboratory, focused on the establishment of novel technologies for microscopy image acquisition and analysis. The candidate will join the research project “Sub-cellular Metabolic Compartmentalization during Oocyte Development”, funded by the Chan Zuckerberg Initiative DAF, that aims at investigating the sub-cellular distribution of metabolic functions using the oocyte of the the fruit fly *Drosophila melanogaster* to execute the following activities under the supervision of Dr. Zita Carvalho-Santos and Dr. Ricardo Henriques:*

- *Carryout microscopy imaging experiments exploiting super-resolution and DNA-PAINT technology;*
- *Design and deploy microfluidics workflows and optical imaging;*
- *Perform quantitative data-mining of bioimage data aimed at achieving spatial proteomics.*

Candidate’s Profile:

- *MSc degree holder in Development and Evolution Biology;*
- *Proficient in advanced optical microscopy imaging;*
- *Excellent bioimage informatics skills;*
- *Written and spoken English fluency;*
- *Publication track-record in related fields.*

Desirable

- *Experience in microfluidics workflows;*
- *Experience in quantitative data-mining of bioimage data;*
- *Experience in single-molecule localization microscopy;*
- *Experience in 3D Image Segmentation and Reconstruction;*
- *Experience with Deep Learning applications for Life Sciences and microscopy;*
- *Experience with image restoration and denoising;*

- Experience with live imaging techniques;
- Good programming skills;
- Good managing skills;
- Forward thinking, can-do, pro-active attitude;
- International experience will be valued.

Zita Sante
 Rui Lopes
 Jorge Carvalho

Necessary Documents for Applications: Motivation Letter in English; - Detailed CV; - MSc certificate; - Contacts of 2 references. The non-compliance with these requirements determines the immediate rejection of the application. 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: Applications will be evaluated in accordance with the following methods:

- 1st Phase: Curriculum vitae: 50% and Motivation letter: 25%;
- 2nd Phase: Interview: 25%. A maximum of 3 candidates who score > 75% in 1st phase will be selected for an interview.

The jury verified a written error in the selection criteria for the interview phase. Where it reads “A maximum of 3 candidates who score > 75% in 1st phase will be selected for an interview.” should be read “A maximum of 3 candidates who score > 65% in 1st phase will be selected for an interview.”

Curriculum Vitae (50%)

The Curriculum Vitae evaluation took in consideration the following criteria:

- MSc degree holder in Development and Evolution Biology (10%);
- Proficient in advanced optical microscopy imaging (15%);
- Excellent bioimage informatics skills (15%);
- Publication track-record in related fields (10%).

Motivation Letter (25%)

The Motivation Letter took in consideration the following criteria:

- Interest and motivation for science (10%);
- Interest and motivation for the proposed workplan (10%);
- Written communication (5%).

The analysis and discrimination of the admitted candidate’s classification in the First phase of this process are presented in Annex I.

Interview (25%)

Following this, only the applicant Nuno Pimpão Santos Martins scored > 65% and was invited for an interview. The Interview took place on 30th of April of 2024 and intended to evaluate the following criteria:

- Adequacy of the profile towards the activity to be performed (10%);
- Spoken English (5%);
- Interpersonal skills relevant for this position (10%).

The analysis and discrimination of the admitted candidate’s classification in the Second phase and the total score in both phases of this process are presented in Annex II.

At this stage, the selected candidate is the one with the highest score.

Lisbon, 30th of April 2024

Handwritten signature of Zita Santos in a cursive script.

Zita Santos (iMM)

Handwritten signature of Ricardo Henriques in a bold, cursive script.

Ricardo Henriques (IGC)

Handwritten signature of Jorge Carvalho in a cursive script.

Jorge Carvalho (IGC)

Final Jury Meeting Minute

IMM/BII/19-2024

After the preliminary hearing period of 10 working days, no changes were verified in what concerns to classification and ranking of the admitted candidates.

The jury will contact the candidate ranked in 1st, Nuno Pimpão Santos Martins, and will offer him the position.

This final decision is signed by the three members of the jury and also validated by the Heads of the Institution.

The final list of classification and ranking of the admitted candidate is attached to current minute.

Lisbon, 17th of May 2024



Zita Carvalho-Santos
(IMM)



Ricardo Henriques
(IGC)

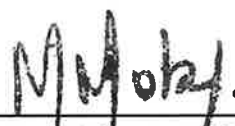


Jorge Carvalho
(IGC)

Validation by the Heads of the Institution



Professor Bruno Silva-Santos
Vice President



Professora Maria M. Mota
Executive Director

ANNEX I – Final list of classification and ranking of the admitted candidate

Ranking	Name	Final Score
1	Nuno Pimpão Santos Martins	100
2	Aberham Abere Alemayehu	15