

INSTITUTO DE MEDICINA MOLECULAR JOÃO LOBO ANTUNES

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Jury Meeting Minute

Reference of Fellowship IMM/BII/1-2022

Instituto de Medicina Molecular João Lobo Antunes (iMM) opened a call for one Initiation Research Fellowship with the funding support from LaCaixa Foundation under the project "**Fighting Zika virus with antiviral peptides and conjugates translocating blood-placental and blood-brain barriers**".

The ad was published at EURAXESS Portugal Portal on 7th of January 2022 and also disseminated in iMM website. The call was opened from 10th of January 2022 until 21st of January 2022 and during which the following applicant applied:

- ✓ Ana Carolina Buga
- ✓ Bruno Martins
- ✓ Eunice Gonçalves
- ✓ José Diogo Anastácio
- ✓ Shakiba Gholima

On the 25th January, 2022 the jury composed by Miguel Castanho, Ana Salomé Veiga and Ana Rosa Herdade (all PhD's), met to analyze the application documents (Motivation Letter, Detailed CV, BSc degree Certificate, Two reference contacts and Candidate's declaration of honor indicating previous fellowships, if any, their typology and duration) in accordance to the profile and work plan indicated in the job advert.

Work Plan and Objectives

- Evaluation of the translocation capacity and toxicity of porphyrin-peptide conjugates in cell lines;
- In vitro and/or in vivo testing of the efficiency of porphyrin-CPP conjugates in inactivating zika virus;
- Cell viability assays related to infectious diseases and drug action.

Candidate's Profile:

- BSc degree holder in biological or chemical sciences;
- Experience related to infection and/or drug development, mainly biologicals;
- Experience in analytical and/or structural and/or imaging and/or animal techniques;
- Good knowledge of English, spoken and written;
- Good communication skills.

Necessary Documents for Applications: - Motivation Letter; - Detailed CV; - BSc degree certificate; - Contact of 2 (two) references; - Candidate's declaration of honor indicating previous fellowships under the Estatuto do Bolseiro de Investigação, its typology and duration. **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: The selection will be made by curricular evaluation (50%) and letter of motivation (10%). Only the top ranked candidates will be selected for an interview (40%).

Curricular Evaluation (50%)

The analysis of the Curriculum Vitae took in consideration:

- BSc degree in biological or chemical sciences (10%);
- Experience related to infection and/or drug development, mainly biologicals (20%);
- Experience in analytical and/or structural and/or imaging and/or animal techniques (20%).

Motivation Letter (10%)

The analysis of the Motivation Letter took in consideration:

- Expertise and interest for the field and activities to be performed (5%);
- Written communication (5%);

The analysis and discrimination of all admitted candidate's classification is presented in Annex I.

Interview (40%)

Following the evaluation of the CV and motivation letter, the jury decided to invite for an interview the candidate that obtained a score equal and/or higher than 40%. The candidates are identified below. The interview took place on 27th January, 2022.

- Ana Carolina Buga;

The interview was based in the following criteria:


- Communication skills (20%)
- Scientific curiosity and interest in the work plan (20%)

The analysis and discrimination of the candidates' classification in the interview phase and the total classification in both phases are presented in Annex II.

Unanimously, the jury decided that the candidate Ana Carolina Buga fulfilled the necessary requirements for this position.

Lisbon, 27 of January, 2022.


Miguel Castanho (FMUL, IMM)


Ana Salomé Veiga (FMUL, IMM)


Ana Rosa Herdade (FMUL, IMM)

Annex I

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Applicant	Curricular Evaluation (50%)			Motivation Letter (10%)		Total	Justification
	BSc degree in biological or chemical sciences (10%)	Experience related to infection and/or drug development, mainly biologicals (20%)	Experience in analytical and/or structural and/or imaging and/or animal techniques (20%)	Expertise and interest for the field and activities to be performed (5%)	Written communication (5%)		
Ana Carolina Buga	10	15	15	4	4	48	Bachelor in Biochemistry. Experience in virology and in characterization of viral fusion peptides. Experience in analytical, structural and imaging techniques.
Bruno Martins	10	5	5	2	4	26	Bachelor in Human Biology. Lack of experience in infection and/or drug development. Some experience in analytical and imaging techniques.
Eunice Gonçalves	10	0	5	2	4	21	BSc & MSc in Biological Engineering. Lack of experience in infection and/or drug development. Some experience in analytical and imaging techniques. Motivated to work in research projects addressing gene and cell therapy, stem cell biology and cancer.
José Diogo Anastácio	10	10	10	3	3	36	Bachelor in Cellular and Molecular Biology. Dissertation: Creation of a biosensor able to detect presence of bacteria in samples. Small internship with the theme assemble and functionalization of gold nanoparticles with a potential anti-cancer compound.
Shakiba Gholima	10	5	10	2	4	31	Bachelor in Cellular and Molecular Biology. Lack of experience in infection and/or drug development. Some experience in techniques of molecular biology.

Annex II



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Applicant	Total Annex I	Interview (40%)		Total Annex II	Justification	Total Annex I + Annex II
		Communication skills (20%)	Scientific curiosity and interest in the work plan (20%)			
Ana Carolina Buga	48	20	20	40	Being quite satisfactory, the performance of the candidate was graded with the maximum score. The candidate reveals scientific maturity and motivation for the work plan.	88