

INSTITUTO DE MEDICINA MOLECULAR JOÃO LOBO ANTUNES

PFILIFE LABORATORY

Av. Professor Egas Moniz

Ed. Egas Moniz

1649-028 Lisboa

Telef: 217 999 411

Fax: 217 999 412

Jury Meeting Minute

Reference of Fellowship IMM/BIPD/4-2021

Instituto de Medicina Molecular João Lobo Antunes (iMM) opened a call for one Postdoctoral Research Fellowship with the funding support from **JANSSEN – CILAG FARMACÊUTICA, LDA.**, under the project **“Effect of Brodalumab on neutrophils in psoriasis”**.

The ad was published at EraCareers Portal on 4th February 2021 and also disseminated in iMM website.

The call was opened from 19th February until 4th March 2021 and during which the following applicants applied:

- ✓ **Gabriela Siqueira**
- ✓ **Raquel Portela**

The applicant Raquel Pereira Portela informed of her withdrawal from the current fellowship application, after plausible justification.

On the 13th of May, 2021, the jury composed by Paulo Filipe, João Ferreira and Sofia Santos (in replacement of Miguel Alpalhão), met to analyze the application documents (Motivation Letter; Detailed CV; PhD Degree certificate; Contact of two references) of **Gabriela Carvalho Siqueira** in accordance to the profile and work plan indicated in the job advert, and detailed below.

Work Plan and Goals: *The successful candidate will conduct a workplan intended at elucidating the role of different subpopulations of neutrophils in human psoriasis, a frequent (2-3% prevalence worldwide) IL-17 and IL-23-driven autoimmune disorder affecting the skin. Neutrophils are short-lived myeloid cells that have recently emerged as playing a central role in psoriasis, namely through their participation in IL-17- and IL-23-dependent pathways. Moreover, neutrophils are known to comprise biologically diverse subpopulations with different inflammatory potential whose role in the pathogenesis of psoriasis remains to be clarified. This research aims at testing whether, in patients suffering from plaque-type psoriasis, blockade of the IL-17 pathway with therapeutic antibodies affects blood and skin-infiltrating neutrophils and their functions. Controls are provided by patients not undergoing therapy with biologicals. In neutrophils, the activation of the IL-17 and the IL-23-dependent pathways will be assessed (protein and mRNA level) as well as the production of ROS (reactive oxygen species) and NETs (Neutrophil Extracellular Traps), and respiratory burst. To do so, high-end methodologies for gene expression analysis will be performed at both single cell and cell population levels on laser micro-dissected skin-infiltrating neutrophils (skin biopsies) and flow-sorted blood neutrophils. This study shall provide insight on the response of different subpopulations of neutrophils to IL-17 pathway blockade, and deliver clinically useful correlates of therapeutic response. //Different subpops// Technologies//*

Candidate's Profile

- PhD degree holder (for a period shorter than 3 years) for a in Cell/Molecular Biology, Immunology, Biochemistry or related areas;
- Experience in basic cell and molecular biology technologies;
- Knowledge and experience in immunology (Desirable);
- Domain of English language.

Necessary Documents for Applications: - Motivation letter; - Detailed CV; - PhD Degree certificate; - Contact of two references. **The non-compliance with these requirements determines the immediate rejection of the application.**

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

CV (50%)

The analysis of the Curriculum Vitae took in consideration:

- PhD Degree with skills in Cell/Molecular Biology, Immunology, Biochemistry or related areas, obtained within a period shorter than 3 years (15%);
- Experience in basic cell and molecular biology technologies (25%);
- Knowledge and experience in immunology (10%).

The analysis and discrimination of the admitted candidate classification in the First phase is presented in Annex I.

INTERVIEW (50%)

Following this, the jury decided to invite Gabriela Siqueira for an interview.

This phase was divided in two: A first interview was held with IMM HR Director Sofia Santos on 27th April 2021 and a second one on 13th May 2021 with all 3 members of the jury. The interviews were based in the criteria indicated below:

- a) Adequacy of the track record of the candidate to the work plan (25%);
- b) Scientific curiosity and motivation for the proposed activities (12,5%);
- c) Ease of communication and autonomy (5%)
- d) High sense of organization and teamwork (5%);
- e) Command of the English language (2,5%).

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

Unanimously, the jury, although recognizing the candidate`s potential, decided that the candidate has not fulfilled the necessary requirements for this position at this moment.

Lisbon, 28th of June 2021



Paulo Filipe



João Ferreira



Sofia Vicente dos Santos

ANEXO I

Fellowship Reference IMM/BIPD/4-2021

Applicant	CV (50%)			Total	Justification
	PhD Degree in Cell/Molecular Biology, Immunology, Biochemistry or related areas obtained in a period shorter than 3 Years (15%)	Experience in basic cell and molecular biology technologies (25%)	Knowledge and experience in immunology (10%)		
Gabriela Siqueira	10,00	12,00	2,00	24,00	There is little match between area of PhD research and area of proposed research.

Fellowship Reference IMM/BIPD/4-2021

Applicant	CV (50%)	Interview (50%)					Total ANNEX II (50%)	Justification	Total ANNEX I + ANNEX II
		Adequacy of the track record of the candidate to the work plan (25%)	Scientific curiosity and motivation for the proposed activities (12,5%)	Ease of communication and autonomy (5%)	High sense of organization and teamwork (5%)	Command of the English language (2,5%)			
Gabriela Siqueira	24	10,00	5,00	4,00	4,00	2,50	25,5	The track record does not adjust appropriately to workplan; the candidate was not sufficiently aware of the interests of the recipient group.	49,5

