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Jury Meeting Minute
Reference of Fellowship IMM/BII/3-2023

Instituto de Medicina Molecular João Lobo Antunes (iMM) opened a call for one research fellowship under the project **“Effect of mRNA therapeutics on ciliary function in primary ciliary dyskinesia zebrafish models”**, with the funding support from ETHRIS.

The ad was published at EURAXESS Portugal Portal on 20th of January 2023 and also disseminated in iMM website.

The call was opened from 23rd of January until 3rd of February 2023 and during which the following applicant applied:

- ✓ Fábio David Rodrigues
- ✓ Margarida Rasteiro

On the 8th of February 2023 the jury composed by Maria Carmo-Fonseca, Leonor Saúde and Susana Lopes (all PhD's), met to analyze the application documents (- Motivation Letter; - Detailed CV; - MSc certificate ; - Contacts of 2 references; - Candidate's declaration of honor indicating previous fellowships, if any, its typology and duration.) in accordance to the profile and work plan indicated in the job advert.

Work Plan and Goals: *The proposed project aims to investigate the dose-response relationship of CCDC40-human mRNA formulated in LF92 (ETH42) in the existing model of ccdc40^{-/-} zebrafish mutants generated in the laboratory of Susana Lopes.*

Additionally, knock-out models of zebrafish Ccdc39, Dnah5, Ccno, Zmynd10 and Dnah11 will be created (or imported) and the therapeutic efficacy and dose-response relationships of human therapeutic mRNAs encoding CCDC39, DNAH5, CCNO, ZMYD10 and DNAH11 will be comprehensively characterized.

Candidate's Profile:

- MSc degree holder in Biology;
- More than 5 years of experience with the zebrafish animal model;
- Experience in motile cilia biology;
- Experience in molecular biology, fluorescence microscopy and high speed videomicroscopy;
- The international experience of the candidates, although not a determining criterion for selection, will be valued.

Necessary Documents for Applications: - Motivation Letter; - Detailed CV; - MSc certificate; - Contacts of 2 references; - Candidate's declaration of honor indicating previous fellowships, if any, its typology and duration.

Selection Method: Curriculum evaluation (50%) and Interview (50%). Only candidates who have obtained a rating equal to or greater than 40% in the 1st phase will be selected for an interview.

CV (50%)

The analysis of the Curriculum Vitae took in consideration:

- MSc degree holder in Biology (10%);
- More than 5 years of experience with the zebrafish animal model (15%);
- Experience in motile cilia biology (10%);
- Experience in molecular biology, fluorescence microscopy and high speed videomicroscopy (15%);

The analysis and discrimination of the admitted candidates classification in the First of current process are presented in Annex I.

INTERVIEW (50%)

Following this, only the applicant Margarida Rasteiro scored at least 40% in the first phase. The interview took place on 10th of February 2023 and it was based in the criteria indicated below:

- a) Adequacy of the track record of the candidate to the work plan (10%);
- b) Scientific curiosity and motivation for the proposed activities (10%);
- c) Ease of communication and autonomy (10%)
- d) High sense of organization and teamwork (5%);
- e) Command of the English language (5%);
- f) References (5%);
- g) Immediate availability (5%).

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

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

Lisbon, 13th of February 2023



Maria Carmo-Fonseca (FMUL/IMM)



Leonor Saúde (IMM)



Susana Santos Lopes (NMS/iMM)

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Evaluation: ANNEX I - Fellowship References IMM/BII/3-2023

Applicant	Curriculum (50%)				Total	Justification
	MSc degree holder in Biology (10%)	More than 5 years of experience with the zebrafish animal model (15%)	Experience in motile cilia biology (10%);	Experience in molecular biology, fluorescence microscopy and high speed videomicroscopy (15%)		
Fábio David Rodrigues	10	0	0	10	20	The candidate does not mention any experience with the zebrafish model, motile cilia biology or high speed video microscopy. The candidate has experience in molecular biology and optical microscopy.
Margarida Rasteiro	10	15	10	12	47	The candidate fulfills all the requirements. The experience in molecular biology could be improved but the candidate has good track record in high speed videomicroscopy and fluorescent microscopy.

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Evaluation: ANNEX II - Fellowship References IMM/BI/3-2023

Applicant	CV (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 (10%)	Scientific curiosity and motivation for the proposed activities (10%)	Ease of communication and autonomy (10%)	High sense of organization and teamwork (5%)	Command of the English language (5%)	References (5%)	Immediate availability (5%)				
Margarida Rasteiro	47	10	9	7	4	4	5	5	44	The candidate has the required track record. Curiosity and motivation are high. Communication skills could be improved.	91	1