



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 4661

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Biotechnologie Mdiche e Medicine Traslazionale**.

Scientist- in - charge: **Prof. Massimo Aureli**

**Raquel Moll Díaz**

**CURRICULUM VITAE**

**PERSONAL INFORMATION**

Surname	Moll Díaz
Name	Raquel
Date of birth	31/12/1996

**PRESENT OCCUPATION**

Appointment	Structure
Master Student	Heidelberg University (Ruprecht-Karls-Universität Heidelberg)

**EDUCATION AND TRAINING**

Degree	Course of studies	University	year of achievement of the degree
Degree	Biotechnology	Polytechnic University of Valencia	2018
Specialization			
PhD			
Master	Translational Medical Research	Heidelberg University	2019-Present (1 year programme) Submission master thesis 9th November 2020
Degree of medical specialization			
Degree of European specialization			
Other	Tropical and Infectious diseases	Antwerp University	2017-2018 (1 Semester)
Other	Microbiome in skin	S-biomedic N.V.	2018-2019 (1 year)



	diseases (internship)	(Belgium)	
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REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
English	First certificate by Cambrigde/ 95 score by TOEFL
Catalan	Native level
Italian	Basic level

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2017-2018	Erasmus+ programme (EU) at University of Antwerp (Belgium)
2018-2019	Erasmus practice programme (EU) at S-Biomedic N.V (Belgium)
2018-2019	Ve2 scholarship by Polytechnic University of Valencia to do practices abroad

TRAINING OR RESEARCH ACTIVITY

description of activity: 1 month internship at INCLIVA institute in Valencia, Spain. Techniques acquired in the context of oncology research (melanoma and breast cancer).
description of activity: 6 months degree thesis research project at IBV-CSIC Valencia, Spain. Basic research to understand the molecular mechanism of a rare disease (Lafora's disease). Dept. of nutrients signalling. Lafora disease is a rare form of epilepsy. I studied the mechanism of internalization of the glutamate transporter find in astrocytes and the role of the adaptor molecules: "arrestins" in this internalization.
description of activity: 1 year internship programme at S-biomedic N.V. Belgium (JLABS). Translational science aiming to develop a therapeutic product for microbiome disruptions in the skin.
description of activity: 1 month internship during master programme at Uniklinikum Mannheim. Basic research to understand the mechanism of bacteria to disrupt and cross the blood-brain-barrier in the context of bacterial meningitis.
description of activity: 6 months master thesis (to be done by the end of October 2020) at BiomedX innovative research (GmbH). Department of Early intervention in Psychiatric diseases. Basic research to understand neurodevelopmental alterations occurred during childhood and adolescence in Schizophrenia patients with a further clinical application in the future by the targets identified. Optimization of differentiation protocol of GABAergic interneurons from iPSCs derived from control and schizophrenia patients. During the generation process further characterization and comparison of control and schizophrenia cell lines is done by assessing neuronal markers involved in the development of interneurons.



PROJECT ACTIVITY

Year	Project
2018	Degree thesis project: Alpha-arrestins as adaptor molecules between Nedd4.2 and the glutamate transporter EAAT2: role in Lafora's disease.
2019	Internship project at S-Biomedic: Characterization of <i>Cutibacterium acnes</i> bacterial strains for the development of skin product to modulate microbiome in favor of acne disease.
2020	Master thesis project: Generation and characterization of iPSC-derived GABAergic interneurons for modeling schizophrenia pathogenesis.

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
February 2018	CIB congress	Valencia
March 2018	CEFUV congress	Valencia

PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
[title of the article, review, place, publishing house, year ...]
[title of the article, review, place, publishing house, year ...]
[title of the article, review, place, publishing house, year ...]

Congress proceedings
[title, structure, place, year]
[title, structure, place, year]
[title, structure, place, year]



OTHER INFORMATION

Congresses only attended as listener.

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: Mannheim, Germany, 13<sup>th</sup> September 2020

SIGNATURE

A handwritten signature in black ink, appearing to be 'P. Rossi', written over a faint grid background.