



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 Oncologia ed Emato-Oncologia

Scientist- in - charge: Prof. Giuseppe Testa

## ELISA SAVINO

### CURRICULUM VITAE

#### PERSONAL INFORMATION

Surname	SAVINO
Name	ELISA
Date of birth	20/11/1990

#### PRESENT OCCUPATION

Appointment	Structure
Junior postdoc fellow	San Raffaele Scientific Insitutute Division of Neuroscience Neuropsychopharmacology Unit (Prof. Flavia Valtorta's Lab)

#### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
<b>Degree</b>	Pharmaceutical Biotechnologies	University of Milan	2015 M. Sc (110/110 L) 2012 B. Sc (110/110)
Specialization			
<b>PhD</b>	Molecular Medicine CV in Neuroscience and Experimental Neurology	Vita-Salute San Raffaele University	06/12/2019
Master			
Degree of medical specialization			
Degree of European specialization			
Other			



## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

## FOREIGN LANGUAGES

Languages	level of knowledge
English	TOEFL (2015) iBT score: 101/120

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2019	Best poster award @ XVII SINS (Italian society for neurosciences) congress - Perugia, Italy
2017	Selected for the EMBO Practical Course: Current Methods in Cell Biology - Heidelberg, Germany
2016	3-year PhD fellowship Vita-Salute San Raffaele University

## TRAINING OR RESEARCH ACTIVITY

My PhD project focused on the characterization of a synaptic protein called PRRT2 whose mutation causes paroxysmal neurological disorders such as paroxysmal movement disorders, migraine and epilepsy. We discovered that PRRT2, besides its role in neurotransmitter release regulation, has an additional function in the control of the actin cytoskeleton remodelling at synaptic levels. We believe these two functions of PRRT2 cooperate together for the proper maintenance of the synaptic physiology.

For my project I exploited both primary neuronal cultures (excitatory hippocampal and MGE-derived inhibitory cultures) and cell lines. In particular, I contributed to the establishment of the protocol for the isolation, culture and maintenance of pure inhibitory neuron cultures.

I have experience with the main molecular and biochemical techniques and with the use of the confocal microscope. I was trained for lentiviral vector production and rodent animal models handling.

During my trainee, I got the chance to give oral presentations of my project at national and international congresses such as:

XXI SIF (Società Italiana Farmacologia) congress- Zambon Open Circle, 2018;

EMBO workshop Cell biology of the neuron - Heraklion, 2019.

Moreover, I was entrusted with an M.Sc. student during her internship and I was assistant supervisor for a B.Sc. thesis.

I participated to several scientific divulgation events such as:

Meet Me Tonight, "Da grande anch'io" and "In estate si imparano le STEM" projects.

Member of the examination committee for the 2018 edition of "I giovani e le scienze"



## PROJECT ACTIVITY

Year	Project
2016-2019	PhD project: Characterization of the role of PRRT2 in the regulation of neuronal actin cytoskeleton
2015	M. Sc degree internship: Effect of Lurasidone treatment on the expression of clock genes in the chronic mild stress model
2012	B. Sc. degree internship: Analysis of BDNF expression in aged rats: Effect of chronic treatment with the AMPA modulator S47445

## PATENTS

Patent

## CONGRESSES AND SEMINARS

Date	Title	Place
2019	Nature Conference "Advanced Cell Therapies and Tissue Engineering"	Milan, Italy
2019	XVII SINS (Italian society for neurosciences) congress	Perugia, Italy
2019	EMBO workshop "Cell biology of the neuron"	Heraklion, Greece
2018	11th FENS forum	Berlin, Germany
2018	5th ENCODS (European Neuroscience Conference by Doctoral Students)	Berlin, Germany
2017	6th European Synapse Meeting	Milan, Italy
2017	Nature Conference: "Regeneration"	Milan, Italy
2017	EMBO Practical Course: Current Methods in Cell Biology	Heidelberg, Germany
2014	9th FENS forum	Milan, Italy

## PUBLICATIONS

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

Articles in reviews
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2020 (in preparation) Savino E., et al. A novel function of PRRT2 in the regulation of the actin cytoskeleton during synaptogenesis

2018 Front Cell Neurosci. Franchi SA, Macco R, Astro V, Tonoli D, Savino E , Valtorta F, Sala K, Botta M, de Curtis I - A method to culture GABAergic interneurons derived from the Medial Ganglionic Eminence

2017 Pharmacol Res. Calabrese F, Savino E , Mocaer E, Bretin S, Racagni G, Riva MA - Upregulation of neurotrophins by S 47445, a novel positive allosteric modulator of AMPA receptors in aged rats

2016 Neural Plast. Molteni R, Rossetti AC, Savino E, Racagni G, Calabrese F - Chronic mild stress modulates activity-dependent transcription of BDNF in rat hippocampal slices

2016 Pharmacol. Res. Calabrese F, Savino E, Papp M, Molteni R, Riva MA - Chronic mild stress-induced alterations of clock gene expression in rat prefrontal cortex: modulatory effects of prolonged lurasidone treatment

Congress proceedings

[title, structure, place, year]

[title, structure, place, year]

[title, structure, place, year]

OTHER INFORMATION

Adobe Illustrator certification (ongoing) @ Scuola Mohole

Photography courses attended: basic, advanced, composition and enchantment

Creative pottery and Kintsugi courses

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: Milano , 10/02/2020

SIGNATURE