

PERSONAL INFORMATION

Name Silvia Cazzanelli
Date of birth 16.09.1993
Birthplace Rovereto (TN)
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EDUCATION

Sep 2015 - Present Master Degree in Neurobiology, University of Pavia, Pavia, Italy.
Average Grade: 28/30.
Planned end date: December 2017

Sep 2012 - Sep 2015 Bachelor Degree in Biology, University of Padua, Padua, Italy.
Thesis: CREB's signal pathway is activated during the thyroid development in Danio Rerio.
Final mark: 98/110.

Sep 2008 - Jul 2012 High School-leaving certificate in scientific studies. Liceo A. Rosmini, Rovereto (TN), Italy.
Final mark: 76/100.

TRAINING

Oct 2016 - Present Internship at Electrophysiology Lab: Study of effects of the *Hericium erinaceus's* Italian strain and *Ganoderma lucidum* with:

- in vitro tests on glioblastoma and fibroblasts cell lines
- behavioral tests on mice, more specifically to examine spatial memory
- patch clamp on cell cultures and brain slices of cerebellum and hippocampus

Supervisor: Prof. Paola Rossi, Department of Biology and Biotechnology "Lazzaro Spallanzani" (DBB). University of Pavia, Pavia, Italy.

Mar 2015 - Jul 2015 Internship at Developmental Biology Lab: Study how CREB's signal pathway is activated during the thyroid development in Danio Rerio. Performed pharmacological treatments on zebrafish's embryos using various methods of administration: simple microinjection, microinjection with morpholino or dissolution of drug in the solution. Performed Alcian-Blue staining, mounting embryos and *in situ* hybridization. I used dissection microscope and confocal microscope to obtain images.
Supervisor: Prof. Natascia Tiso, Department of Biology. University of Padua, Padua, Italy.

ATTENDANCE AT SEMINARS AND CONFERENCES

- Gen 2017 – Feb 2017
- PET and brain tumor. Organizers: Dr. Carlo Aprile, National Centre of Oncological Hadron Therapy for the Treatment of Tumors (CNAO), Pavia, Italy. Dr; Dr. Rosanna Nano, Dr. Maria Grazia Bottone, Dep. of Biology and Biotechnology Lazzaro Spallanzani, University of Pavia, Pavia, Italy.
 - Radiofarmaceuticals and Immunoterapy. Organizers: Dr. Francesca Pasi, Dep. of Biology nd Biotechnology Lazzaro Spallanzani, University of Pavia, Pavia, Italy; Dr. Rosanna Nano, Dr. Maria Grazia Bottone, Dep. of Biology and Biotechnology Lazzaro Spallanzani, University of Pavia, Pavia, Italy.

Apr 2016 Molecular Matrix. Organizers: Dr. Federico Forneris, Dr. Maria Grazia Bottone, Dep. of Biology and Biotechnology Lazzaro Spallanzani, University of Pavia, Pavia, Italy.

Mar 2016 Dissecting alternative pathways and functions of the microRNA biogenesis machinery in mammalian neurogenesis and neurodevelopment disorders. Organizers: Dr. Davide De Pietri Tonelli, Phd. Neurobiology of miRNAs Lab., Neuroscience and Brain Technologies Dept., Italian Institute of Technology (IIT), Pavia, Italy. Dr. Maria Grazia Bottone, Dep. of Biology and Biotechnology Lazzaro Spallanzani, University of Pavia, Pavia, Italy.

LANGUAGE SKILLS

Mother tongue Italian
Other languanges English
Level: B1 (certificate: Cambridge Esol)

IT SKILLS

ECDL Full Standard
Software: Clampfit, Clampex, Origin60, Gen5.

ADDITIONAL SKILLS

During the three years at University of Padua I was part of the student representative. I had the possibility to work with both professors and students to address the university problems. Thanks to this experience I learned to listen, discuss, collaborate in team work, find solutions and solve problems.

In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above mentioned decree.