

Curriculum vitae

PERSONAL INFORMATION

Name: Erica Cecilia Priori

Date and place of birth: 24/10/1990 Pavia (PV), Italy

Email: ericacecilia.priori01@universitadipavia.it; ericapri@hotmail.it

EDUCATION AND TRAINING

Period: from October 2017

Course: PhD course in Genetics, Molecular and Cellular Biology

Structure: Cellular Biology and Neurobiology Laboratory - University of Pavia - Department of Biology and Biotechnology "L.Spallanzani" – Via A. Ferrata 9 – 27100 – Pavia (Italy)

Supervisor: Professor Maria Grazia Bottone (DBB)

Period: 2014 - 2016

Course: Master degree in Neurobiology

Structure: Cellular Biology and Neurobiology Laboratory - University of Pavia - Department of Biology and Biotechnology "L.Spallanzani"

Experimental thesis title: "Postnatal development of the cerebellum in mice: abnormalities in intracellular calcium regulation and neurotransmission"

Supervisor: Professor Maria Grazia Bottone (DBB)

Period: 2009 - 2014

Course: Bachelor's degree in Biological Science

Structure: Laboratory of Pharmacology and Molecular Medicine of the Central Nervous System - University of Pavia - Department of Biology and Biotechnology "L.Spallanzani"

Experimental thesis title: "Antidepressant drugs and cerebral energy metabolism"

Supervisor: Professor Roberto F. Villa (DBB)

PROFESSIONAL EXPERIENCES

Period: December 2016 – September 2017

Role: Volunteer

Main activities: Cell culture, Preparation of slides and immunohistochemical reactions in fluorescence on rat glioblastoma cells, extraction of protein for Western Blotting

Structure: Cellular Biology and Neurobiology Laboratory - University of Pavia - Department of Biology and Biotechnology "L.Spallanzani"

Period: December 2016 – January 2017

Role: Tutor for the course of Neurogenesis and comparative neuromorphology

Main activities: assistance activity for exercises on tissue staining with hematoxylin-eosin, microtomy, optical microscope analysis

Structure: Cellular Biology and Neurobiology Laboratory - University of Pavia - Department of Biology and Biotechnology "L.Spallanzani"

Period: 2015 - 2016

Role: Internship

Main activities: Study of alterations in the expression of calcium binding proteins on sections of cerebellum with prolidase deficiency through immunohistochemical reactions

Structure: Cellular Biology and Neurobiology Laboratory - University of Pavia - Department of Biology and Biotechnology "L.Spallanzani"

Period: 2013 - 2014

Role: Internship

Main activities: Evaluation of enzymatic activities with spectrophotometer

Struttura: University of Pavia - Department of Biology and Biotechnology "L.Spallanzani"

Laboratory of Pharmacology and Molecular Medicine of the Central Nervous System

CERTIFICATION

November 2014 –January 2015 - "NEUROSCIENCE"; Supervisor professor: Prof. Egidio D'Angelo - University of Pavia

17 May 2017 – "NEUROBIOLOGY SIMPOSIUM"; Supervisor professor: Maria Grazia Bottone and Rosanna Nano – University of Pavia

CONGRESS PRESENTATION

XXXV NATIONAL CITOMETRY CONFERENCE, NATIONAL CITOMETRY SCHOOL - Paestum (SA)
3-6 October 2017

Title: Postnatal development of cerebellum in "dal" mice: alterations in regulation of intracellular calcium and in neurotransmission. **Priori Erica Cecilia**, Insolia Violetta, Besio Roberta, Forlino Antonella, Bottone Maria Grazia.

THE 9th INTERNATIONAL MEDICINAL MUSHROOMS CONFERENCE - Palermo, 24-28 September 2017

Title: Dietary supplement based on *Ganoderma lucidum* tested. Ferrari Beatrice, Insolia Violetta, **Priori Erica Cecilia**, Occhinegro Alessandra, Ratto Daniela, Guglielminetti Maria Lidia, Elena Savino, Bottone Maria Grazia e Paola Rossi

TECHNICAL SKILLS

Microtome cut of cerebellum samples, mounted on slides, immunohistochemical and immunofluorescence reactions, bright-field optical microscope and fluorescence, measurement of protein concentration, spectrophotometer analysis, Western blotting, quantitative analysis with Cell ^ F programs and ImageJ

INFORMATIC SKILLS

Good use of Windows operating systems and computer programs, Use of sector program for processing of images obtained by analysis under a microscope, ImageJ and cell ^ F, basic knowledge concerning the use of Photoshop

ORGANIZATIONAL SKILLS

Excellent skills in work organization and in the management of short and long term projects, great critical spirit and sense of initiative

LANGUAGE

Mother tongue: Italian

Other language: English

I authorize the use of personal data contained in my resume on the basis art. 13 of Legislative Decree no. 196/2003