

Personal Information

Name: Beatrice Ferrari
Address: Via 1° Maggio n° 18, Pinarolo Po (PV), ITALY
E-mail: beatrice.ferrari01@universitadipavia.it
Nationality: Italian
Date and place of birth: 23/10/1990 Broni (PV), ITALY

Education Training

Period: from October 2016
Course: PhD course in Genetics, Molecular and Cellular Biology
Structure: Cell Biology and Neurobiology laboratory - University of Pavia - Department of Biology and Biothecnology "Lazzaro Spallanzani" Via A. Ferrata 9, 27100 Pavia (Pv), Italy
Supervisor: Professor Maria Grazia Bottone

Period: 2013 - 2015
Course: Master degree in Neurobiology
Structure: University of Pavia - Department of Biology and Biothecnology "Lazzaro Spallanzani" Via A. Ferrata 9, 27100 Pavia (Pv), Italy
Experimental thesis entitled: "Anatomical and morphological alterations of striatal fast-spiking interneuron in two murine models of Huntington's Disease".
Thesis supervisor: Professor Maria Grazia Bottone

Period: 2010 - 2013
Course: Bachelor's degree in Biological Science
Structure: University of Pavia - Department of Biology and Biothecnology "Lazzaro Spallanzani" Via A. Ferrata 9, 27100 Pavia (Pv), Italy
Experimental thesis entitled: "Immunocytochemical study of organellar damage induced by platinum compounds in the U251 glioblastoma cells"
Thesis supervisor: Professor Maria Grazia Bottone

Professional experiences

Period: February 2016 - September 2016
Role: Volunteer
Activity: Study of damage induced by platinum compounds in human glioblastoma cells and murine neuroblastoma cells. Analysis by optical and electron microscopes.
Structure: Cell Biology and Neurobiology laboratory - University of Pavia

Period: 2013 - 2015
Role: trainee student
Activity: Anatomical and morphological alterations of striatal fast-spiking interneuron in two murine models of Huntington's Disease: transgenic R6/2 and KO ZQ175, immunocytochemical study in optical and confocal microscopes. Preliminary functional study of striatal fast-spiking interneurons by electrophysiological technique (whole cell).
Structure: Cell Biology and Neurobiology laboratory, in collaboration with Electrophysiology and Biophysics of Neuronal Ionic Channels laboratory - University of Pavia

Period: 2011 - 2013
Role: trainee student
Activity: Immunocytochemical study of cellular organelles damages caused by new platinum compounds in human glioblastoma cell line U251. Analysis of apoptotic mechanisms induced.
Structure: Cell Biology and Neurobiology laboratory - University of Pavia

Other Certificates

4 novembre 2014 – 20 gennaio 2015 : "NEUROSCIECE" , Supervisor Professor: Egidio D'Angelo. University of Pavia.
7 giugno 2016: certificate of attendance "NEUROBIOLOGY SEMINARY of 2016", Supervisor Professor: Maria Grazia Bottone and Rosanna Nano. University of Pavia.

Technical skills

Optical microscopy
Immunohistochemistry and immunofluorescence
western blotting
microtomy
Basic knowledge of electrophysiological technique patch clamp

Computer skills

Windows Office
Cell F
ImageJ

Communication skills

Good communication skills gained during university experience as student and tutor. Good contact skills with colleagues and students gained during research work experience and collaborator for write dissertations and articles.

Language Skills

Italian mother tongue
Other language: English