

MICHELA CRISTOFOLINI

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Personal Details

Date of Birth: 19/02/1994
Place of Birth: Cremona
Citizenship: Italian
Home address: Via XXV Aprile, 12, Cappella de' Picenardi, CR 26030

Professional Summary

Neurobiology student with a little job experience but a huge desire to learn as many things as possible, longing to attend foreign universities and labs. Knowledge of the basic lab's methods and patch-clamp technique.

Skills

- Equipment maintenance
- Statistical analysis
- Standard methods
- Communication skills
- Fast learner
- Organization
- Open minded
- Ability to adapt
- Team player
- Self-motivated
- Initiative
- Ability to work under pressure

Work History

Master's thesis Internship

10/2016 to Current

Electrophysiology and Biophysics of Ion Channels

Prof. Mauro Toselli & Prof. Gerardo Biella – University of Pavia, Dept. of Biology and Biotechnology "L. Spallanzani", Via Forlanini, 6, 27100, Pavia (PV), Italy

- Conducted basic and applied research using patch-clamp technique on mouse brain slices, cell cultures cells and organoids.
- Interpreted research findings and summarized data into reports.
- Managed overall laboratory functions.

Bachelor's thesis Internship

10/2015 to 9/2016

Electrophysiology and Biophysics of Ion Channels

Prof. Mauro Toselli – University of Pavia, Dept. of Biology and Biotechnology "L. Spallanzani", Via Forlanini, 6, 27100, Pavia (PV), Italy

- Conducted basic and applied research on the role of oxytocin in the hippocampus using patch-clamp technique on mouse brain slices.
- Interpreted research findings and summarized data into reports.
- Managed overall laboratory functions.
- Cared for and studied rodent

Student collaboration

02/2016 to 07/2016

Prof.ssa Tiziana Modena – ECM office, University of Pavia

- Management of the registration to the courses and payments
- Communicate with registered people
- Organization of different groups and shifts for the activities
- Carried out assessment questionnaire and collected data in Excel sheets

Part Time Collaboration "Archivia"

02/2015 to 11/2015

Administrative Office – Department of Drugs Science, University of Pavia

- Paper and electronic archiving

Education

Laurea Magistrale (Master Degree): Neurobiology

Current

University of Pavia - Pavia

- Collegio C. Golgi alumni member
- Recipient of EDiSU Scholarship

Laurea Triennale (Bachelor Degree): Biological sciences

2016

University of Pavia - Pavia

- Graduated with Honors
- Thesis' title:
"Effects of oxytocin on the kinetics of inhibitory synaptic currents in mouse hippocampal neurons"
- Collegio C. Golgi alumni member
- Recipient of EDiSU Scholarship

High School Diploma:

2013

Liceo Scientifico "G. Aselli" - Cremona

- Graduated with 100/100
- Emphasis in Maths, Physics, Biology
- Class representative
- Recipient of "Legato Dovara" Scholarship

Abstract and oral communications

Maniezzi C., Cesana E., Talpo F., Conforti P., Manzella S., Cristofolini M., Morandotti B., Toselli M., Cattaneo E., Biella G. "The human induced pluripotent stem cells: an in vitro model to study possible functional markers of Huntington's Disease". 68TH SIF National Congress of Italian Physiological Society. Pavia (Italy), 6-8 September 2017

Language Certifications

Italian: Mother tongue

English:

- Two extended stay in the US:

- August 2015
- June/July 2012: Rotary Exchange Students Program

- First Certificate in English FCE, level B2 (May 2012)

Technology

Software: MS Office (Word, Excel, PowerPoint), iMovie, Windows Movie Maker

Extra-curricular Activities

- Private lessons for middle and high school and university students
- Voluntary work in Summer Camps for children from 5 to 15 years

Interests

- I love playing board games and solving brain-teasers and puzzles
- I enjoy cooking, especially cakes
- I relax watching TV series
- I adore riding my motorbike
- I play sports in my College's teams (volleyball and soccer). I also like doing individual sports, such as tennis, skiing and swimming. I'm a supporter too: I follow Italian volleyball and the MotoGP championship.
- I play the guitar as a self-learner