



Elisabetta Colombari

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Current position

Phd Student (cycleX XXIV) in Neuroscience, Psychological and Psychiatric Science and Movement Science. University of Verona.

Supervisor: Prof. Silvia Savazzi

Education

September 2015/December 2017: Master degree in Psychology (Neuroscience), University of Trento (TN), Italy.

Title of the thesis: “Episodic-like memory in a mouse model of William Syndrome”

Supervisor: Prof. Sang Ah Lee

September 2012/July 2015: Bachelor’s degree in cognitive sciences, University of Trento (TN), Italy

Internships and Experiences

March 2018/April 2019: Post-lauream internship at the PandA Lab (Perception and Awareness Lab), Strada Le Grazie, 8, 37134, Verona.

During this training period I was involved in studying the neural correlates implicated in attentional reorientation by means of Event Related Optical Signal (EROS). In the study we involved both healthy subjects and neuropsychological patients affected by hemianopia.

Supervisor: Prof. Silvia Savazzi

May 2017/September 2017: “Independent Studies”, ACN Lab - Animal Cognition and Neuroscience Laboratory, (CIMEC - Centro Interdipartimentale Mente e Cervello), Rovereto (TN).

Title of the research project: “ Reorientation in rats is impaired in old age”.

Supervisor: Prof. Sang Ah Lee

November 2016/ October 2017: Internship at ACN Lab

I took part in a research project about the study of episodic memory, spatial orientation and anxiety in rodents (*mus musculus*). During this internship I took part in different research projects concerning the study of episodic memory, spatial orientation and anxiety in mice. In this experience I was involved in all parts of the research procedures, including animal manipulation, data collection, data analysis and discussion about the final results.

Supervisor: Prof. Sang Ah Lee

October 2013/June 2014: Internship at CIMEC - Centro Interdipartimentale Mente e Cervello, Rovereto (TN).

I took part in a research project concerning the study of the role of the feedback in the Perceptual Learning.

During this period I approached for the first time to research: I was involved in recruiting subjects, data collection and data analysis.

Supervisor: Prof. Massimo Turatto

Seminars and Workshops

February 2019: Cognitive Science Arena, Brixen (BZ, Italy).

Author of the poster “*The role of the right TPJ in attentional reorientation: a fast optical imaging study*”

June 2018: Participation to “*Joint Italian-French Workshop on cerebral oximetry and functional near infrared spectroscopy (fNIRS)*”, Politecnico di Milano (MI, Italy).

June 2018: HBP International Conference “*Understanding Consciousness. A scientific quest for the 21st century*”, Barcelona (Spain).

Co-author of the poster “*Spatiotemporal dynamics of attentional cueing in healthy participants and a hemianopic patient. A fast optical imaging study*”

Skills

Language: English (good in reading, writing and speaking)

Programming Language: Matlab

Software: Very good knowledge of Microsoft Office

Very good knowledge of EthoVision Program

SofTaxic (neuronavigation software)

E-Prime Program

Nomad (EROS montages design software)

OCP (for coregistration of anatomical and functional NIRS data)

P-POD (POD for pre-processing of functional NIRS data)

OPT-3D (for statistical analysis of functional NIRS data)