

CURRICULUM VITAE

PERSONAL INFORMATION

Surname and Name: Ratto Daniela
Place and date of birth: Albenga, 15 November 1992
Permanent address: Via Aurelia 180, 17051 Andora (SV), Italia
Current address: Corso Strada Nuova 20, 27100 Pavia (PV), Italia
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EDUCATION

2017/2018 Enrolled in Master of Second Level in Human Nutrition, University of Pavia, Italy

2016/2017 Master's Degree in Neurobiology, University of Pavia, Italy.
Thesis: Influence of prey-predator relationship on locomotor and neuronal activities in tadpoles of *Rana dalmatina*.
Final mark: 110/110 *cum laude*.

2013/2014 Bachelor's degree in Biological sciences, University of Genova, Italy.
Thesis: Extramitochondrial energetic metabolism: expression and activity of respiratory complexes.
Final mark: 110/110.

2010/2011 High school leaving qualification in scientific studies, Liceo Scientifico Don Bosco, Italy.
Final mark: 81/100.

Languages

Italian: mother tongue.

English: scholastic knowledge.

PROFESSIONAL SKILLS

Obtain during internship in "Integrated system's physiology" of Prof. Paola Rossi :
-patch-clamp recordings in Voltage Clamp and in Current Clamp in cerebellar slices of rat and mouse;

-patch-clamp recordings *in vivo* on tadpole in Voltage Clamp and Current Clamp;

-patch-clamp recordings in culture cells (fibroblasts and U251 lines);

-behavior test on mice: NOR-novel object recognition, OL-object localization, Y-Maze test, Balance Beam Test, Emergence Test

-ELISA test

-use of Excel, of software Clampex and Clampfit, of software Smart v3.0, of software Origin and of R program.

Obtain during internship in "biochemistry" of Prof. Morelli:

- western blotting

- luminometry

- spectrophotometry

- oximetry

Good knowledge of Windows and Office.

WORK EXPERIENCES AND STAGE

From October 2018 Enrolled in PhD Program in Genetics, Molecular and Cellular Biology, University of Pavia, Italy

July 2017-September 2018 Scholarship in Neurobiology and Integrated Physiology Laboratory directed by Prof. Paola Rossi of University of Pavia.

April and May 2017 Project Contract in Neurobiology and Integrated Physiology Laboratory directed by Prof. Paola Rossi of University of Pavia.

PAPER *in extenso*

- P. Rossi, D. Ratto, A. Occhinegro. Upregulation of LINC00346 in non-small cell lung cancer cells. *Eur Rev Med Pharmacol Sci* 2018; 22(2):275-277.
- Scano, D. Ratto, A. Occhinegro, A. Pedroncelli, P. Rossi. MicroRNA-552 in colorectal cancer with poor prognosis. Its role as a novel molecular biomarker. *Eur Rev Med Pharmacol Sci* 2018; 22: 1171-1174.
- P. Coni, A. Mateddu, L. Kuqi, G. Pichiri, A. Occhinegro, D. Ratto, G. Orrù. LncRNA colon cancer-associated transcript 1 (CCAT1) in ovarian cancer. 2018; *Eur Rev Med Pharmacol Sci*. 2018; 22(6):1525-1527.
- G. Orrù, A. Occhinegro, D. Ratto, V. Cesaroni, P. Rossi. MiRNA-155 and colorectal cancer, the role of real time PCR in laboratory diagnosis. *Eur Rev Med Pharmacol Sci*. 2018 Mar; 22(6):1521-1524.
- P. Rossi, V. Cesaroni, F. Brandalise, A. Occhinegro, D. Ratto, F. Perrucci, V. Lanaia, C. Girometta, G. Orrù, E. Savino. Dietary supplementation of *Hericium erinaceus* on spatial memory in wild-type mice, 2018; *Int J Med Mushrooms* 2018; 20(5):485–494.
- G. Orrù, A. Mameli, C. Demontis, P. Rossi, D. Ratto, A. Occhinegro, V. Piras, L. Kuqi, P. Coni. Oral Human papilloma virus infection. An overview of clinical-laboratory diagnosis and treatment. 2018; Submitted to *Eur Rev Med Pharmacol*.
F. La Rosa, M. Clerici, D. Ratto, A. Occhinegro, A. Licito, M. Romeo, C.D. Iorio, P. Rossi. The Gut-Brain Axis in Alzheimer's Disease and Omega-3. A Critical Overview of Clinical Trials, 2018; *Nutrients* 2018; 8:10(9).

COMMUNICATIONS AT CONVENTIONS

- Paola Rossi, Elena Savino, Rebecca Baiguera, Luca D'Angelo, Carolina Girometta, Daniela Ratto, Alessandra Occhinegro, and Valentina Cesaroni. "La Ricerca sui Funghi Medicinali." Autunno Pavese DOC 65°, Pavia; 22-25 Settembre 2017.
- Ferrari Beatrice, Insolia Violetta, Priori Erica Cecilia, Occhinegro Alessandra, Ratto Daniela; Guglielminetti Maria Lidia, Savino Elena, Bottone Maria Grazia, and Paola Rossi. "Dietary supplement based on *Ganoderma lucidum* tested." Abstract a pp 144 del Book of Abstracts. The 9th International Medicinal Mushrooms Conference (The 9th IMMC), Mondello, Palermo; 24-28 Settembre 2017.
- Ferrari Beatrice, Priori Erica Cecilia, Occhinegro Alessandra, Ratto Daniela, Veneroni Paola, Guglielminetti Maria, Savino Elena, Bottone Maria Grazia, and Rossi Paola. "Dietary supplement based on *Ganoderma lucidum* tested on human

glioblastoma cell culture.” Abstract a pp 47, Categoria “Oncology” del Book of Abstracts. XXXV Conferenza Nazionale di Citometria (CIG 2017), Paestum; 3-6 Ottobre 2017.

PERSONAL CHARACTERISTICS

I work with enthusiasm and initiative, also having good ability to adapt to new environments and work situations. I'm used to working in a group, having a great ability to relate to people of all kinds. I am flexible, punctual and responsible.

OTHER INFORMATIONS

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.

Daniela Ratto