

EUROPEAN
CURRICULUM VITAE
FORMAT

PERSONAL INFORMATION

Name **MARIASOLE PERRONE**
Address **VIA NOEL QUINTAVALLE, 19 44123 FERRARA (FE)**
Telephone **+39 340 5287520**
E-mail prrmsl@unife.it
Nationality Italian
Date of birth 31/10/1990

WORK EXPERIENCE

- Dates (from – to) 11/2015 – to date
- Name and address of employer Department of Morphology, Surgery and Experimental Medicine: Section of Pathology, Oncology and Experimental Biology
University of Ferrara. Via Fossato di Mortara, 70 - 44121 Ferrara
PhD under the supervision of Prof. Paolo Pinton
PhD student
- Type of business or sector PhD student
- Occupation or position held PhD student
- Main activities and responsibilities Study of the involvement of tumor suppressor PML in the NLRP3-mediated inflammation

- Dates (from – to) 04/2015 – 10/2015
- Name and address of employer Department of Experimental and Diagnostic Medicine: Section of General Pathology
University of Ferrara. Via Fossato di Mortara, 70 - 44121 Ferrara
Research lab
- Type of business or sector Research lab
- Occupation or position held Volunteer
- Main activities and responsibilities Study of the involvement of tumor suppressor PML in repression of autophagy and cancer development

- Dates (from – to) 03/2014 – 03/2015
- Name and address of employer Department of Biology and Evolution: Section of Evolutionary Biology
University of Ferrara. Via L. Borsari, 46 - 44121 Ferrara
University – Research laboratory
- Type of business or sector University – Research laboratory
- Occupation or position held Practicing biologist
- Main activities and responsibilities Study of P2X7 receptor involvement in PML-mediated inflammation

EDUCATION AND TRAINING

- Dates (from – to) 06/2015
- Name and type of organisation providing education and training *University of Ferrara:*
- Principal subjects/occupational skills covered Molecular biology, Pharmacology, Neurobiology, Functional anatomy and physiology, Molecular bases of diseases, Immunology and Pathology.
- Title of qualification awarded Degree – Final degree mark: 106/110

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| <ul style="list-style-type: none"> • Level in national classification <ul style="list-style-type: none"> • Dates (from – to) • Name and type of organisation providing education and training • Principal subjects/occupational skills covered <ul style="list-style-type: none"> • Title of qualification awarded • Level in national classification | <p>MS degree</p> <p>10/2009 – 03/2015
 <i>University of Ferrara</i>: MS degree in Chemistry and Pharmaceutical Biotechnology</p> <p>Molecular biology, Pharmacology, Neurobiology, Functional anatomy and physiology, Molecular bases of diseases, Immunology and Pathology.</p> <p>Degree – Final degree mark: 106/110
 MS degree</p> |
| <ul style="list-style-type: none"> <ul style="list-style-type: none"> • Dates (from – to) • Name and type of organisation providing education and training • Principal subjects/occupational skills covered <ul style="list-style-type: none"> • Title of qualification awarded • Level in national classification | <p>09/2004 – 06/2009
 Scientific high school E.Fermi</p> <p>Maths, Chemistry, Biology, Physics</p> <p>Scientific Certificate
 Secondary School Diploma</p> |

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

ENGLISH

- READING SKILLS
- WRITING SKILLS
- VERBAL SKILLS

GOOD
 GOOD
 FAIR

SOCIAL SKILLS AND COMPETENCES

Ability to work in a group and independently. Good social skills. Ability to adapt to many situations.

ORGANISATIONAL SKILLS AND COMPETENCES

Ability to work in a changing business environment and to organize the working group.

TECHNICAL SKILLS AND COMPETENCES

Excellent knowledge of Microsoft Office applications (Word, Powerpoint, Excel).
Other used programs: ImageJ.
Excellent web surfing.
Good knowledge in cellular and molecular biology, optimization of different transfection protocols, primary macrophages culture preparation and other cell cultures.
Good ability in SDS-PAGE electrophoresis for protein analysis through western blot.
Good competence in study of transduction signalling in living cells, in particular of calcium signalling.
Ability to use standard laboratory equipment especially microscopy for evaluate mitochondrial functionality and aequorinometer for subcellular calcium measurements.
Good ability to work with transgenic mice.

OTHER SKILLS AND COMPETENCES

Ability to create and clearly display slides of scientific articles, thesis and laboratory results.

DRIVING LICENCE(S)

Category B.

ADDITIONAL INFORMATION

POSTERS

S. Missiroli, M. Bonora, S. Patergnani, F. Poletti, **M. Perrone**, C. Tacchetti, PP. Pandolfi, G. Kroemer, P. Pinton, C. Giorgi . PML at mitochondria-associated membranes is critical for the repression of autophagy and cancer development. ABCD Meeting, Bologna 17-19 September 2015.

Mariasole Perrone, S. Missiroli, A.C. Sarti, F. Poletti, G. Morciano, M. Bonora, L. Abelli, F. Di Virgilio, P. Pinton, C. Giorgi. Role of PML tumorsuppressor in NLRP3 inflammasome activation. ABCD PhD student meeting, Salerno 7-9 April 2016.

PUBLICATIONS

Mariasole Perrone, Sonia Missiroli, Claudia Morganti, Maurizio Previati, Paolo Pinton, Francesco Fiorica & Carlotta Giorgi. Radiation induces IL-1 of NLRP3 inflammasome. ASTRO Meeting, San Diego 24-27 September 2017.

Missiroli S, Bonora M, Patergnani S, Poletti F, **Perrone M**, Gafà R, Magri E, Raimondi A, Lanza G, Tacchetti C, Kroemer G, Pandolfi PP, Pinton P, Giorgi C (2016) PML at Mitochondria-Associated Membranes Is Critical for the Repression of Autophagy and Cancer Development. Cell Rep 16(9):2415-27

Missiroli S, Danese A, Iannitti T, Patergnani S, **Perrone M**, Previati M, Giorgi C, Pinton P (2017) Endoplasmic reticulum-mitochondria Ca²⁺ crosstalk in the control of the tumor cell fate. Biochim Biophys Acta (Molecular Cell Research) 1864:858-864

Szymanski J, Janikiewicz J, Michalska B, Patalas-Krawczyk P, **Perrone M**, Ziolkowski W, Duszyński J, Pinton P, Dobrzyn A, Wieckowski MR (2017) Interaction of mitochondria with the endoplasmic reticulum and plasma membrane in calcium homeostasis, lipid trafficking and mitochondrial structure. Int J Mol Sci 18:1576