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Nationality: **Italian**
Date of birth: **01/01/1986**



POSITION

Current:

1 November 2015 - current: **Scholarship holder** at Department of Earth and Environmental Sciences (Laboratory of Immunology and genetic analysis) - University of Pavia

Previous:

1 March 2015 - 1 June 2015: **Assignment of professional collaboration** at Department of Earth and Environmental Sciences (Laboratory of Immunology and genetic analysis) - University of Pavia

1 April 2014 - 1 February 2015: **Voluntary collaborator** at Department of Earth and Environmental Sciences (Laboratory of Immunology and genetic analysis) - University of Pavia

EDUCATION AND QUALIFICATIONS

2016 - 2019	PhD student - Agrisystem - Università Cattolica del Sacro Cuore, Piacenza
2014	Biologist professional qualification
2009 - 2014	MS in Experimental and Applied Biology (110/110 and laud) - University of Pavia
2004 - 2009	BS in Biology (97/110) - University of Pavia
1999 - 2004	High School Diploma - Scientific High School "E. Fermi" (BR)

WORK EXPERIENCE

1 November 2015	Applications of molecular biology methods for the study of gene expression: Quantitative analysis of miRNA, mRNA in <i>ex vivo</i> and <i>in vitro</i> models; Analysis of microbial diversity with the metagenomic approach
1 April 2014 - 1 June 2015	Quali-quantitative analysis of miRNA in biological samples; set up of experimental models of human cell cultured <i>in vitro</i> .

SKILLS

Technical skills	- Using of bioinformatic databases (NCBI databases, miRTarBase, miRPath) and Office packages (Word, Excel, PowerPoint) - Confident with DNA/RNA extraction techniques, quantitative fluorimetric analysis, patch-clamp technique, qRT-PCR and <i>in vitro</i> cultivation of human cells
Languages	Mother language: Italian Other languages: - English (independent user) - French (basic user)

PUBLICATIONS

"Atrial fibrillation recurrence and expression levels of apelin-regulating miRNAs". C.Falcone, S.Bozzini, G.Lupo, R.Falcone, E.Capelli. Journal of Science, Technology and Environment, 2015.

"microRNAs as biomarkers of oxidant/antioxidant status". B.Balestra, G.Lupo, A.Paolini, O.Pastoris, E.Capelli. Acts of 37° National Congress of the Italian Society of Pharmacology, 2015.

"Influence of low frequency electromagnetic fields on the cytotoxic effect of Temozolomide". L.Fassina, E.Capelli, F.Pasi, G.Lupo, G.Mazzini, F.Corbella, R.Nano. Acts of XXXIII National Conference of the Italian Society of Cytometry – Lucca, 22 September 2015.

"Potenzialità della metagenomica nella diagnostica per la conservazione dei beni culturali". S. Panelli, V. Cinieri, G. Lupo, Enrica Capelli Reuso 2016 in Science and Cultural Heritage: Acts of IV International Congress on documentation, conservation and recovery of architectural heritage and on landscape protection - Pavia 2016 (Ed. Arcadia research)

"Pulsed Electromagnetic Field with Temozolomide Can Elicit an Epigenetic Pro-apoptotic Effect on Glioblastoma T98G Cells". F. Pasi, L. Fassina, M.E. Mognaschi, G. Lupo, F. Corbella, R. Nano, E. Capelli. Anticancer Research, 2016

"Low-Frequency Pulsed Electromagnetic Field Is Able to Modulate miRNAs in an Experimental Cell Model of Alzheimer's Disease". E. Capelli, F. Torrisi, L. Venturini, M. Granato, L. Fassina, G.F.D. Lupo, G. Ricevuti. Journal of Healthcare Engineering, 2017

"XMRV and Public Health: The Retroviral Genome Is Not a Suitable Template for Diagnostic PCR, and Its Association with Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Appears Unreliable" S. Panelli, L. Lorusso, A. Balestrieri, G. Lupo, E. Capelli. Front. Public Health, 2017

Pavia, 16 giugno 2017

Dr. Giuseppe Francesco Damiano Lupo



I authorize the use of my personal data under D.lgs. 196/2003.