EUROPEAN CURRICULUM VITAE FORMAT

PERSONAL INFORMATION

Name	GAIA PEDRIALI
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Nationality	Italian
Date of birth	12/08/1991

WORK EXPERIENCE

• Dates (from – to)	11/2016 – 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
• Type of business or sector	PhD under the supervision of Prof. Paolo Pinton
• Occupation or position held	PhD student
• Main activities and responsibilities	Study of cellular homeostasis of calcium following c-Myc protein overexpression or silencing in different breast cancer cell types.

• Dates (from – to)	11/2016
• Name and address of employer	Department of Biochemistry and Molecular Pharmacology Perlmutter Cancer Center New York University School of Medicine and Howard Hughes Medical Institute 522 First Ave, Smilow Research Building 1107, New York, NY 10016
• Type of business or sector	PhD under the supervision of Prof. Michele Pagano
• Occupation or position held	PhD student
• Main activities and responsibilities	Study of degradation of oncoprotein and generation of knock-in clones with CRISPR technique.

• Dates (from – to)	02/2016 – 11/2016
• 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
• Type of business or sector	Telethon fellowship under the supervision of Prof. Paolo Pinton
• Occupation or position held	Research assistant
• Main activities and responsibilities	Study of cellular homeostasis of calcium following c-Myc protein overexpression in different cell types.

• Dates (from – to)	10/2015 – 02/2016
• 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
• Type of business or sector	Research lab
• Occupation or position held	Volunteer
• Main activities and responsibilities	Study of the involvement of c subunit of ATP synthase in ischemia-reperfusion injury.

• Dates (from – to)	09/2014 – 10/2015
• Name and address of employer	Department of Biology and Evolution: Section of Evolutionary Biology University of Ferrara. Via L. Borsari, 46 - 44121 Ferrara
• Type of business or sector	University – Research laboratory
• Occupation or position held	Practicing biologist (2nd level degree)
• Main activities and responsibilities	Study of Mcl-1 involvement in mitochondrial dynamics and apoptotic cell death; study of the involvement of c subunit of ATP synthase in ischemia-reperfusion injury and in mitochondrial permeability transition pore opening.
• Dates (from – to)	04/2013 – 10/2013
• Name and address of employer	Department of Life Sciences and Biotechnology: Section of Physiology and Biophysics University of Ferrara. Via L. Borsari, 46 - 44121 Ferrara
• Type of business or sector	University – Research laboratory
• Occupation or position held	Practicing biologist (1st level degree)

EDUCATION AND TRAINING

• Dates (from – to)	10/2013 – 09/2015
• Name and type of organisation providing education and training	University of Ferrara: 2nd level degree in Molecular and Cellular Biology
• 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: 110 summa cum laude
• Level in national classification	2nd level degree - Master
• Dates (from – to)	09/2010 – 10/2013
• Name and type of organisation providing education and training	University of Ferrara: 1st level degree in Biology
• Principal subjects/occupational skills covered	Human genetics, Ecology, Chemistry, Microbiology, Informatics and Statistics, Molecular biology, Physiology.
• Title of qualification awarded	Degree – Final degree mark: 109 (out of 110)
• Level in national classification	1st level degree – Degree/Bachelor
• Dates (from – to)	09/2005 – 06/2010
• Name and type of organisation providing education and training	Scientific high school A.Roiti.
• Principal subjects/occupational skills covered	Maths, Chemistry, Biology, Physics
• Title of qualification awarded	Scientific Certificate
• Level in national classification	Secondary School Diploma

PERSONAL SKILLS AND COMPETENCES	
MOTHER TONGUE	ITALIAN
OTHER LANGUAGES	
	ENGLISH
• READING SKILLS	GOOD
• WRITING SKILLS	GOOD
• VERBAL SKILLS	FAIR
	FRENCH
• READING SKILLS	GOOD
• WRITING SKILLS	FAIR
• VERBAL SKILLS	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. ECDL patent obtained. Good knowledge in cellular and molecular biology, optimization of different transfection protocols, primary cardiomyocytes 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.
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

G. Morciano, C. Giorgi, G. Pedriali, D. Balestra, S. Marchi, D. Perrone, M. Pinotti, P. Pinton. Mcl-1 involvement in mitochondrial dynamics is associated with apoptotic cell death. ABCD congress, Bologna 17, 18, 19-09-2015.

C subunit of F1 /FO-ATP synthase as target for the design of new pharmacological approaches: therapeutic implications in the treatment of myocardial infarction Giampaolo Morciano, D. Preti, G. Aquila, G. Pedriali, A. Fantinati, S. Missiroli, N. Caroccia, P. Rizzo, R. Ferrari, G. Campo, C. Giorgi, C. Trapella, P. Pinton. ABCD congress, Bologna 21, 22, 23-09-2017.

PUBLICATIONS

Morciano G, Pedriali G, Sbano L, Iannitti T, Giorgi C, Pinton P (2016) Intersection of mitochondrial fission and fusion machinery with apoptotic pathways: role of Mcl-1. Biol Cell 108:279-293

Bonora M, Morganti C, Morciano G, Pedriali G, Lebiedzinska-Arciszewska M, Aquila G, Giorgi C, Rizzo P, Campo G, Ferrari R, Kroemer G,Wieckowski MR, Galluzzi L, Pinton P (2017) Mitochondrial permeability transition involves dissociation of F1FO ATP synthase dimers and C-ring conformation. EMBO Reports 18(7):1077-89

Pedriali G, Rimessi A, Sbano L, Giorgi C, Wieckowski MR, Previati M, Pinton P (2017) Regulation of ER-mitochondria Ca2+ transfer and its importance for anti-cancer therapies. Front Oncol 7:180