PERSONAL INFORMATION

Valentina Lacconi

WORK EXPERIENCE

June 2014-August 2015	**Research Scholar** at Rheumatology laboratory, Arthritis Center, Boston University, School of Medicine: **Scleroderma (Systemic Sclerosis) project**.

EDUCATION AND TRAINING

November 2020	**Qualification to the profession of Biologist Senior**, University of Cagliari.
February 2020	12th Workshop on "3D Advanced *In-Vitro* Models", Rome.
December 2019	Workshop SIML (Italian Society of Occupational Health) "Rischi per la salute da lavoro e da stili di vita: la medicina di precisione tra potenzialità e prospettive applicative", Milan.
October 2018	Workshop "Discovering Organoids: The Journey Of 3D Culture Systems" at the University of Rome Tre.
November 2017- To date	**PhD student in Biotechnology and Translational Medicine** – XXXIII cycle at University of Rome Tor Vergata.
October 2017	Degree in **Medical Biotechnologies** at the Faculty of Medicine and Surgery of the University of Rome Tor Vergata (**Grade: 110/110 cum laude**). Thesis title: A novel *in vitro* model for the study of reproductive toxicity of engineered nanomaterials.
March 2017	Workshop "Human Pluripotent Stem Cell (hPSC)" at the University of Rome Tor Vergata.

© European Union, 2002-2015 | europass.cedefop.europa.eu

March 2017	Conference "Applicazioni della chimica clinica post mortem nella routine medico legale", speaker: Dr. Cristian Palmiere at the University of Rome Tor Vergata.
2015-2017	Histology and fertilization Laboratory at University of Rome Tor Vergata.
November 2013	Degree in **Biomedical laboratory technician** at the Medical School, University of Rome "La Sapienza" (**Grade: 110/110 cum laude**). Thesis Title: HSP70 inhibition induces "necroptosis" cell death.
2011-2013	Viral Oncology (Immunology) Laboratory in the Department of General PathoLalogy at Policlinico Umberto I (Rome).
2010-2011	Pathological Anatomy Laboratory, Virology Analysis Laboratory and Genetic Pathology Laboratory at Policlinico Umberto I in Rome.
2005-2010	Classical studies at the High School "Liceo Ginnasio Statale Immanuel Kant", Rome.

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s): Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	good	good	good	good	good

Communication skills
- good communication skills gained during my experience in a research group in Boston

Organisational / managerial skills
- good organisational skills gained as research scholar at Boston University, responsible for all experiments I did

Technical skills and competences

Western Blot;
Immunofluorescence; ELISA
Flow cytometry;
Immunohistochemistry
Ficoll; Separation of dendritic cells
EBV and HHV8 virus extraction
Cell cultures (immortalized and primary cell lines, including stem cells)

© European Union, 2002-2015 | europass.cedefop.europa.eu

Cell cultures infection; Primary endometrial cell culture and decidualization
DNA and RNA isolation
RT-qPCR, RT-PCR and PCR
Bacterial DNA extraction;
Transfection
Histological staining
Use of optical, fluorescence, confocal and inverted microscope
Ability to work with small laboratory animals
Ability to evaluate toxic effects of engineered nanomaterials (silica nanoparticles, zinc and titanium) using *in vitro* and *in vivo* tests on embryos and adult animals

Computer skills and competences

Knowledge of the operative systems Microsoft Windows 9x, XP ome/Professional, Vista, 7, 8, 10; computer graphics (Adobe Photoshop, SigmaPlot); Office package (Word, Excel, Power-Point)
Knowledge of bioinformatic tools available online e programs for statistics analysis (Sigmastat, Sigmaplot)

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Basic user	Basic user	Basic user	Basic user	Basic user

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

Driving licence

B

ADDITIONAL INFORMATION

Publications

Massimiani M, Tiralongo GM, Salvi S, Fruci S, **Lacconi V**, La Civita F, Mancini M, Stuhlmann H, Valensise H, Campagnolo L. Treatment of pregnancies complicated by intrauterine growth restriction with nitric oxide donors increases placental expression of Epidermal Growth Factor-Like Domain 7 and improves fetal growth: A pilot study. Transl Res. 2020 Aug 9:S1931-5244(20)30198-5

Massimiani M, **Lacconi V**, La Civita F, Ticconi C, Rago R, Campagnolo L. Molecular Signaling Regulating Endometrium-Blastocyst Crosstalk. Int J Mol Sci. 2019 Dec 18

Bianchi MG, Campagnolo L, Allegri M, Ortelli S, Blosi M, Chiu M, Taurino G, **Lacconi V**, Pietroiusti A, Costa AL, Poland CA, Baird D, Duffin R, Bussolati O, Bergamaschi E. Length-dependent toxicity of TiO(2) nanofibers: mitigation via shortening. Nanotoxicology. 2019 Nov 15

Farina A, Peruzzi G, **Lacconi V**, Lenna S, Quarta S, Rosato E, Vestri AR, York M, Dreyfus DH, Faggioni A, Morrone S, Trojanowska M, Farina GA. Epstein-Barr virus lytic infection promotes activation of Toll-like receptor 8 innate immune response in systemic sclerosis monocytes. Arthritis Res Ther. 2017

Santarelli R, Granato M, Pentassuglia G, **Lacconi V**, Gilardini Montani MS, Gonnella R, Tafani M, Torrisi MR, Faggioni A, Cirone M. "KSHV reduces autophagy in THP-1 cells and in differentiating monocytes by decreasing CAST/calpastatin and ATG5 expression", Autophagy. 2016 Oct 7

Granato M, **Lacconi V**, Peddis M, Di Renzo L, Valia S, Rivanera D, Antonelli G, Frati L, Faggioni A, Cirone M. "Hepatitis C virus present in the sera of infected patients interferes with the autophagic process of monocytes impairing their in-vitro differentiation into dendritic cells", Biochim Biophys Acta. 2014 Jul

Granato M, **Lacconi V**, Peddis M, Lotti LV, Renzo LD, Gonnella R, Santarelli R, Trivedi P, Frati L, D'Orazi G, Faggioni A, Cirone M. "HSP70 inhibition by 2-phenylethynesulfonamide induces lysosomal cathepsin D release and immunogenic cell death in primary effusion lymphoma", Cell Death Dis. 2013

National and International conferences

Massimiani M, **Lacconi V**, Salustri A, Bocca B, Barone F, Scimeca M, Demokritou P, Camaioni A and Campagnolo L. Silica Encapsulation of ZnO nanoparticles reduces their toxicity for cumulus cell-oocyte maturation. Sessione Scientifica Collegio degli Istologi, Via Scarpa, Rome, 26 October 2020. Oral presentation

Lacconi V, Massimiani M, Rago R, Ticconi C and Campagnolo L. The secreted factor Epidermal Growth Factor Like Domain 7 (EGFL7): a potential regulator of endometrial receptivity. Sessione Scientifica Collegio degli Istologi, Via Scarpa, Rome, 26 October 2020. Oral presentation

Campagnolo L, **Lacconi V**, La Civita F, Antonaci D, Meneghini C, Massimiani M, Ticconi C, Rago R. The EGFL7/NOTCH pathway: a novel regulator of the endometrium-blastocyst dialog. 35th Annual meeting on ESHRE, Vienna, Austria, 23-26 June 2019. Poster.

Tiralongo GM, Massimiani M, Lo Presti D, Cremona A, **Lacconi V**, Campagnolo L, Valensise H. A pilot study of fetal growth, maternal hemodynamics and plasma and placental expression of Epidermal Growth Factor Like Domain 7 in pregnancies complicated by fetal growth restriction treated with nitric oxide donors. 3rd International Congress on Maternal Haemodynamics, Cambridge, UK, 12-14 April 2018. Oral presentation.

Lacconi V, Massimiani M and Campagnolo L. "In vitro models for the study of reproductive toxicity". 3RS Winter school: Oltre le barriere... modelli in vitro per la tossicologia, IZSLER November 2017, Brescia, Oral presentation.

Lacconi V, Massimiani M and Campagnolo L. In vitro models for the study of reproductive toxicity of engineered nanomaterials. "Nanoinnovation 2017" San Pietro in Vincoli, Rome, September 26-29, 2017. Sapienza University of Rome –Faculty of civil and industrial engineering. Oral presentation.