

CURRICULUM VITAE ET STUDIORUM



GENERAL INFORMATION

Name

Somma Paolo

E-mail

paolo.somma@ictorbolecasaglia.org

Nationality

Italian

EDUCATION

March 2008

Ph.D. at University of Rome "Sapienza", Department of Cell Biology and Development.

May 2005

Biologist Professional qualification, University of Viterbo "LA Tuscia"

September 2005

6th ESNI COURSE, European School of Neuro-Immunology Thessaloniki, (Greece)

June 2004

Bsc degree at University of Rome "Sapienza" with marks: 110/110 cum laude

July 1998

Maturità Scientifica (**Piano Nazionale Informatica**) at High school Liceo scientifico Augusto Righi, Rome

EXPERIENCE

01 June 2002-25 June 2004

Internship in the laboratory of Experimental Pathology, professor R. Sorrentino, "Sapienza" University of Rome

01 November 2004- 31 October 2007

Ph.D. student in the laboratory of Experimental Pathology, professor R. Sorrentino, "Sapienza" University of Rome

27 January 2007- 20 December 2007	Collaboration with Professor Dr. Andreas Ziegler and Dr. Barbara Uchanska-Ziegler, Immunogenetics Institute, Humboldt University of Berlin
27 January 2007 - 20 December 2007	Collaboration with Professor Dr. W. Seanger, Chemistry Institute, Free University of Berlin <i>software modelling of complex structures.</i>
11 January 2008 - 15 April 2008	Employed as collaborator by “Pragma s.r.l. market research company”
15 April 2008 - 20 December 2008	Employed as teacher by “EnglishperTe- centro culturale italo-inglese ad indirizzo europeo”
01 April 2008 - 31 December 2008	Employed as biologist in the laboratory of Immunology directed by Professor Barnaba, Department of Medicina Interna, 1° Clinica Medica Institute, “Umberto I” Hospital, Rome
01 February 2009 - 01 February 2011	Employed as biologist in the Laboratory of Medicine and Advanced Biotechnologies, directed by Professor Guadagni, “San Raffaele IRCCS”, Rome Robot automation
01 February 2011 – 15 July 2013	Employed as biologist in the Laboratory of Immunology, Department of Biomedical Science and Biotechnologies, University of Brescia, directed by Professor Sozzani. Time Lapse: Software reconstruction of cell migration
06 September 2011- 15 December 2011	Collaboration with LNAGE s.r.l. in final clinical study report writing according ICH guideline
16 July 2013 – 2015	Employed as Facs Specialist in the Cytometry Unit of Humanitas clinical research Institute, Rozzano Software analysis of cell characterization
19-21 March 2014	Comprehensive Flow Cytometry Course, FloCyt Associates
March 2014	Cytometry Certification, GIC Gruppo Italiano Citometria
2015-2020	substitute teacher in lower secondary school. Disciplines: Math and Science
2020-up to now	employed with permanent contract as teacher by the Ministero dell’istruzione e del Merito
2019-2021	nominated member in the commission appointed to schedule the timetable of school
2019-2021	nominated Computers Laboratory supervisor
2022-2023	nominated “Funzione Strumentale Nuove Tecnologie”

**INTERNATIONAL JOURNAL
PUBLICATION**

- 2007 **“Characterization of CD8+ T cell repertoire in identical twins discordant and concordant for multiple sclerosis”**
Somma P., Ristori G., Battistini L., Cannoni S., Borsellino G., Diamantini G., Solvetti M., Sorrentino R. and Fiorillo MT.
Journal of Leukocyte Biology 2007, vol. 81(3):696-710
- 2010 **“Pre-analytical operating procedures for serum Low Molecular Weight protein profiling”**
Di Girolamo F, Alessandroni J, Somma P and Guadagni F.
Journal of Proteomics 2010, vol. 73(3):667-77
- 2011 **“RFID as a new ICT tool to monitor specimen life cycle and quality control in a biobank”**
Nanni U, Spila A, Riondino S, Valente MG, Somma P, Iacoboni M, Alessandroni J, Papa V, Della-Morte D, Palmirota R, Ferroni P, Roselli M, Guadagni F.
Int J Biol Markers. 2011 Apr-Jun;26(2):129-35.
- 2013 **“Selective Activation of Human Dendritic Cells by OM-85 Through a NF-kB and MAPK Dependent Pathway”**
Carmen Parola, Laura Salogni, Xenia Vaira, Sara Scutera, Paolo Somma, Valentina Salvi, Tiziana Musso, Giuseppe Tabbia, Marco Bardessono, Christian Pasquali, Alberto Mantovani, Silvano Sozzani, Daniela Bosisio
Accepted in 2013 PLOS ONE;
- 2016 **“Flow Cytometry Detection of Chemokine Receptors for the Identification of Murine Monocyte and Neutrophil Subsets”**
Bonavita O, Massara M, Anselmo A, Somma P, Brühl H, Mack M, Locati M, Bonecchi R
Methods Enzymol. 2016 Epub 2015 Nov 24
- 2016 **“Expression and function of IL-1R8 (TIR8/SIGIRR): a regulatory member of the IL-1 receptor family in platelets”**
Anselmo A, Riva F, Gentile S, Soldani C, Barbagallo M, Mazzon C, Feruglio F, Polentarutti N, Somma P, Carullo P, Angelini C, Bacci M, Mendolicchio GL, Voza A, Nebuloni M, Mantovani A, Garlanda C.
Cardiovasc Res. 2016. 111(4):373-84

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