CURRICULUM VITAE

Name	**AGOSTINI** Massimiliano
Date of birth	20 January 1972
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PRESENT POSITION

Since 2014 Associate Professor, Molecular Biology, University of Rome "Tor Vergata", Italy.

EDUCATION

1991-1997 Chemical and Pharmaceutical Technology, University of Perugia, Italy
1997 **Degree in** Chemical and Pharmaceutical Technology
1998 Pharmacist license, state of Italy
2001-2005 (23 January 2006) **PhD Studies** in Clinical and Experimental Pharmacology: Dept. Clinical and Experimental Medicine, Section of Pharmacology, University of Perugia, Italy. **Title PhD Thesis:** Pro-inflammatory role of GITR (Glucocorticoid-Induced TNFR related family) in animal models of autoimmune diseases

CAREER HISTORY

1997-1999: Visiting Fellow Section of Pharmacology, School of Medicine, University of Perugia, Italy
1999-2001: Fellowship Section of Pharmacology, School of Medicine, University of Perugia, Italy
15/11/05-14/11/06 Research Assistant Section of Pharmacology, School of Medicine, University of Perugia, Italy
15/11/06-14/11/07 Research Assistant Section of Pharmacology, School of Medicine, University of Perugia, Italy
15 July 2007-July 2011 Career Development Fellow, MRC Toxicology Unit
26 April 2014- 16 June 2014 Visiting Scientist, at The Campbell Family Institute for Breast Cancer Research, Tak W. Mak laboratory, Toronto, Canada
July 2011-December 2014 Senior Investigator, MRC Toxicology Unit
2014 to 2019 Visiting Scientist, MRC Toxicology Unit, Cambridge University, UK.
2014-Present Associate Professor, Molecular Biology, University of Rome "Tor Vergata", Italy

EDUCATIONAL ACTIVITIES

Tutoring activity: guidance of compilative and experimental thesis of student of School of Medicine, Chemistry and Pharmaceutical Technology, Pharmacy and Biological Sciences

2001-2003 Exam Committees for Pharmacology, course for Odontology, Dental Prosthetics, University of Perugia, Italy
2002-2007 Exam Committees for Pharmacology, School of Medicine, University of Perugia, Italy
2012-present Faculty Board PhD Biochemestry and Molecular Biology, Dept. Experimental Medicine, University of Rome Tor Vergata

Teaching Activities
2015-Present II level Master, Personalized Nutrition: Molecular and Genetic bases, University of Rome Tor Vergata, Italy 1CFU
2016-Present I level Master, Nutrition and Cosmesis, University of Rome Tor Vergata, Italy 2CFU
2016-2020 International Medical School (Biochemestry 4CFU) and Molecular Biology 2CFU) University of Rome Tor Vergata, Italy
2016-Present International Medical School (Molecular Biology 3CFU) University of Rome Tor Vergata, Italy
2017-Present Specialization School of Infection Disease University of Rome Tor Vergata, Italy (Molecular Biology 1CFU)
2018 -2019 School of Medicine and Surgery (Molecular Biology 1CFU) University of Rome Tor Vergata, Italy
2019-Present Specialization School of Microbiology and Virology University of Rome Tor Vergata, Italy (Molecular Biology 2CFU)
2020-Present Course of Pharmacy (Biochemestry 6CFU) University of Rome Tor Vergata, Italy
2021-Present Scienze della nutrizione umana (Principi di metabolomica 2CFU**)**

OTHER
Scientific advisory commitee Center for Comparative Medicine, Alternative Techniques and Aquaculture, University of Rome Tor Vergata

EDITORIAL EXPERIENCE
2014-2019 Editorial board of *Molecular & Cellular Oncology*
2011-Present Receiving Editor *Cell Death & Disease*
2011-Present Editorial board as Review Editor of Frontiers in Oncology's speciality section *Frontiers in Cancer Molecular Targets and Therapeutics*

Ad hoc Referee:
Cell Death & Disease, Cell Death and Differentiation, Frontiers in Cancer, Molecular and Cellular Oncology, Molecular Neurobiology, Oncogene, Oncotarget, Cell Cycle, FEBS Journal, Scientific Reports, Journal of Cellular Biochemestry, Molecular Oncology, FASEB Journal, Journal of Human Genetics, Biology Direct, Discover Oncology

SCIENTIFIC INTERESTS
The p53/p63/p73 family play a relevant role in tumorigenesis. Indeed, they are mutated or aberrantly expressed in the vast majority of human cancers. The importance of p53 family stems from its ability to regulate hundreds of target coding and non-coding genes, thus influencing a variety of processes, such as cell metabolism, embryonic development and cancer progression. He started working on the p53 family, mainly on p73, characterizing isoform-selective knockout mice generated in the laboratory. In particular, he was able to demonstrate that p73 is a positive regulator of self-renewal of neuronal stem cells. Moreover, he also characterized the molecular pathways underlying the role of p73 in neuronal differentiation. Particularly, he demonstrated that p73 directly regulates the expression of the microRNA, miR-34a and that the axis TAp73/miR-34a/Synaptotagmin-1 may play a role in the pathogenesis of Alzheimer's disease. He also explored the role of p73 in the regulation of energy metabolism using both *in vivo* and *in vitro* model.

MA is mainly interested in the characterization of transgenic mice with genetic alterations in the p53 family genes and their targets to understand their effect on development and cancer. In particular, he aims to investigate the role of the transcription factor ZNF750 (transcriptionally regulated by p63) in tumorogenesis by using *in vitro* and *in vivo* models combined with system biology (transcriptomics, proteomics and metabolomics).

SCIENTIFIC PUBLICATIONS

Scientific Papers	74 (First Author: 17; Corresponding Author: 12)		
Citations	6251 (Scholar)	3448 (ISI)	4579 (Scopus)
h-Index	43 (Scholar)	36 (ISI)	38 (Scopus)