

CURRICULUM VITAE OF SONIA MELINO Ph.D



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EDUCATION **1992 Master degree**, *summa cum laude*, in “Biological Sciences”/ “Biochemistry” at University of Rome "La Sapienza" Italy. **1993-1995 Specialization in Biotechnologies** *cum laude* (Montedison-ENI funded) at University of Rome "Tor Vergata". **1996** Post-Graduate Fellow of the Italian pharmaceutical company (IFI). **1997-2000 Ph.D** in “**Biochemistry and Molecular Genetics**” at the University of Chieti “G. D’Annunzio. **2002 Researcher in Biochemistry** at the Department of Sciences and Chemical Technologies of the University of Rome “Tor Vergata”. 2003-present she is a member of the Centre for Biostatistics and Bioinformatics of the University of Rome “Tor Vergata”. **RESEARCH ACTIVITY** For about 20 years she has been investigating in Biochemistry field. The Sonia Melino’s research work has been focused on the structural and functional characterization of proteins (GSTs, Glyoxalase II, Rhodanese, NS3pro DEN-2, Calmodulin-like proteins, Reticulon1-C and WW domains) and metal-peptides (histatin, hepcidin), and in the identification of the “consensus motifs” for clarifying their physiological role and mechanism of action. Her current research is focused on the study of the metabolism of Sulfane Sulfur Compounds and their effects on cells, and on the use of proteins in the fabrication of novel scaffolds for tissue regeneration. At this moment, she is a co-author of 43 papers published on international peer-review. She has been referee for several scientific journals and is involved in several research projects supported by national and international grants. **TEACHING ACTIVITY** 2002-2009 Teacher of “Laboratory of Biochemistry” at University of Rome “Tor Vergata” for master degree in Chemistry; 2009-2010 Teacher of “Biochemistry and Laboratory” at University of Rome “Tor Vergata” for master degree in Chemistry; 2007-present Teacher of “Macromolecules and Biochemical Processes” at the University of Rome “Tor Vergata” for master degree in Material Sciences and Technologies. She has been supervisor of many master degree and Ph.D students.

INTERNATIONAL COLLABORATIONS: Prof. Ashokkumar Mutupandian at the School of Chemistry University of Melbourne (AU), People-exchange-Marie Curie International Research Staff Exchange Scheme PEOPLE-IRSES-2008-2009; Prof. Dror Seliktar at the Faculty of Biomedical Engineering, Technion-Israel Institute of Technology of Haifa- Israel. MIUR-Cooperlink Grant 2011 for International Staff and Student Exchange; Prof. Vilma Papajani-Toska at the Faculty of Pharmacy of the University of Tirana, Relevant Executive Project for Italia- Albania Cooperation 2011, Ministry of Foreign Affairs funded.