

Brief English Curriculum Vitae

Barbara Tomasello

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RECENT JOB POSITION:

March 2018 -March 2023: Research Fellow (RTdA) in Clinical Biochemistry and Clinical Molecular Biology (SSD BIO12) at Dept of Drug Sciences -University of Catania

TEACHING EXPERIENCE

October 2022 - February 2023: Professor in Biology and Genetics (BIO13) for the BSC in Nursing - Department of Department of Medical, Surgical and Advanced Technology Sciences

October 2019 - October 2022: Professor in Clinical Biochemistry and Clinical Molecular Biology for the Master's Degree in Pharmacy - Department of Drug Science, University of Catania

October 2015 - October 2018: Lecturer in Animal and Vegetable Biology for the BSC in Applied Pharmaceutical Sciences - Department of Drug Sciences, University of Catania

SOME RESEARCH EXPERIENCES

August 2016 - August 2017: Post-doctoral fellowship at the Department of Drug Sciences, University of Catania. **Project:** "*Green Chemistry e Nutraceuticals: activity of polyphenols extracts on epigenetic modulation and inflammation*" (LS1 Molecular and structural biology and biochemistry; cod. 14/A; ERC LS_2, LS_3 e LS_5).

June 2014 –June 2015: Post-doctoral fellowship at the Department of Drug Sciences, University of Catania. **Project:** "*Immobilization of biological molecules - DNA and*

Proteins - on microelectronic supports, ELISA assays and statistical processing of the results" (PON 02 Hippocrates).

November 2010-2012: Post-doctoral fellowship at the Department of Drug Sciences, University of Catania. **Activity:** research projects regarding "*Tumors and ROS-mediated mechanisms*".

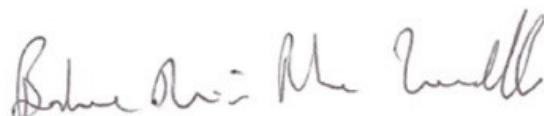
EDUCATION

2013-2014: Master's degree in "*Omics Sciences in Biomedicine*" Department of Biomedical and Biotechnological Sciences (Biometec), University of Catania.

2006 -2009: PhD in Physiopathology of Senescence - Faculty of Medicine, University of Catania. **Activity:** research projects regarding "Oxidative Stress and Physical Exercise in elderly"

1996-2004: Honours Degree (110/110) in Pharmaceutical Chemistry and Technology (Faculty of Pharmacy, University of Catania). Dissertation:" *Chromosomal instability disorders: biomolecular diagnostic approaches* ", Advisor: Full professor Marcella Renis

Catania, 08-3-2023



List of publications over the past year

Total Number of publications: 47

- P1.** Ciarcia G, Bianchi S, **Tomasello B***, Acquaviva R, Malfa GA, Naletova I, La Mantia A, Di Giacomo C. *Vitamin E and Non-Communicable Diseases: A Review*. Biomedicines. 2022 Oct 3;10(10):2473. doi: 10.3390/biomedicines10102473. * **Corresponding author; IF: 6.064; Rank: Q2.**
- P2.** Candido S, **Tomasello B**, Lavoro A, Falzone L, Gattuso G, Russo A, Paratore S, McCubrey J and Libra M. *Bioinformatic analysis of LCN2-SLC22A17-MMP9 network in cancer: the role of DNA methylation in the tumor microenvironment modifications*. Front. Cell Dev. Biol. - Cancer Cell Biology, 2022. **IF 6.081; Rank: Q2**
- P3.** **Tomasello B**, Malfa GA, Acquaviva R, La Mantia A, Di Giacomo C. *Phytocomplex of a Standardized Extract from Red Orange (Citrus sinensis L. Osbeck) against Photoaging*. Cells. 2022 Apr 25;11(9):1447. **IF 6.6; Rank: Q2**
- P4.** Sferrazzo G, Palmeri R, Restuccia C, Parafati L, Siracusa L, Spampinato M, Carota G, Distefano A, Di Rosa M, **Tomasello B**, Costantino A, Gulisano M, Li Volti G, Barbagallo I. *Mangifera indica L. Leaves as a Potential Food Source of Phenolic Compounds with Biological Activity*. Antioxidants (Basel). 2022 Jun 30;11(7):1313. doi: 10.3390/antiox11071313. **IF 7.675; Rank: Q1**
- P5.** Genovese C, Garozzo A, D'Angeli F, Malfa GA, Bellia F, **Tomasello B**, Nicolosi D, Malaguarnera R, Ronsisvalle S, Guadagni F, Acquaviva R. *Orobancha crenata Forssk. Extract Affects Human Breast Cancer Cell MCF-7 Survival and Viral Replication*. Cells. 2022; 11(10):1696. **IF 6.6; Rank: Q2**
- P6.** Salemi R, Gattuso G, **Tomasello B**, Lavoro A, Gaudio A, Libra M, Signorelli SS, Candido S. *Co-Occurrence of Interleukin-6 Receptor Asp358Ala Variant and High Plasma Levels of IL-6: An Evidence of IL-6 Trans-Signaling Activation in Deep Vein Thrombosis (DVT) Patients*. Biomolecules. 2022; 12(5):681. **IF 4.879; Rank: Q2**
- P7.** Salemi R.*, **Tomasello B***, Gattuso G, Signorelli SS, Candido S. *Overactivation of the Interleukin-6 cis-signaling in leukocytes is an inflammatory hallmark of Deep Vein Thrombosis*. Mol Med Rep. 2022 Apr;25(4):136. * **Primo Autore** Salemi and Tomasello equally contributed to this work. **IF 2.9; Rank: Q3**

Catania 8/03/2023

