

Brief English Curriculum Vitae

Barbara Tomasello

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CURRENT JOB POSITION:

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

TEACHING EXPERIENCE

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

December 2019 until now: Lecturer (hold lectures and seminars) on "EMATONCOLOGY AND CLINICAL MOLECULAR DIAGNOSTICS" for the Master in Integrated Medicine and Food Management for the prevention and treatment of Tumors -Department of Drug Sciences, 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

October 2014 - March 2018: Lecturer in Food Chemistry for the BSC in Food Science and Technology - Department of Agricultural, Food, and Environmental Science, University of Catania

October 2016-2017: Lecturer (hold lectures and seminars) on "Applications of Proteomics on *in-vitro* and *in-vivo* models" and "Methylation pathways in Autism" within the International PhD course in "Basic and Applied Biomedical Sciences", University of Catania

RESEARCH EXPERIENCE

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; sotto-settore ERC LS_2, LS_3 e LS_5)-

June 2015- December 2015: Researcher for *SOOFT Italia (Pharmaceutical Company)*. **Project:** “*Innovative nano-technology platforms for the delivery of drugs in ophthalmology*” (PON01_00110 -PON 2007-2013 experimental development measure).

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*”.

February 2010 – September 2010: Post-doctoral fellowship at the Dept of Biological Chemistry, Medicinal Chemistry and Molecular Biology, University of Catania. **Activity:** research projects regarding “*Autism and oxidative stress*”, funded by Ministry of Education, University and Research (MIUR).

DEPARTMENTAL ASSIGNMENTS (Department of Drug Science, University of Catania)

AY 2019-2020 vice-coordinator of the Master in "Integrated Medicine and Food management for cancer treatment prevention".

-Delegate of the director of the Department for Continuing Education within the Third Mission

-Student Career Monitoring Commission Secretary

OTHER ASSIGNMENTS

- Member of the Regional Executive Board of SiBioC (Society of Clinical Biochemistry)

-Member of the Council of the Molecular Preclinical and Translational Imaging Research Center- IMPRONTE”

EDUCATION

2015-2016: Master's degree in “*Regulatory Affairs of Drugs*” at the Department of Biomedical and Biotechnological Sciences (Biometec), University of Catania.

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, 31-8-2020