

## **PROF. ANGELA MARIA AMORINI**

### **CURRICULUM VITAE**

- ✓ High school graduation ("Galileo Galilei state scientific high school, Catania" ,1990)
- ✓ Degree in Biological Sciences, Bio-Molecular specialization (top marks and honours), University of Catania, Italy (1995)
- ✓ Qualification to the profession of biologist (1997)
- ✓ PhD in the "Biochemistry and Molecular Biology" field (Department of Chemical Sciences, University of Catania) (2000)
- ✓ Teaching qualification in the Mathematics and Science competition class for middle school (2001)
- ✓ Permanent university researcher (BIO-10) (2008) at Catholic University of the Sacred Heart, Rome
- ✓ Qualification for Associate Professor (SSD BIO / 12: Clinical Biochemistry and Clinical Molecular Biology) (2017)
- ✓ Associate Professor (SSD BIO/10 General Biochemistry) since 2018

### **RESEARCH EXPERIENCES IN ITALY AND ABROAD**

- ✓ Thesis studies carried out at the Institute of Biochemical and Pharmacological Sciences, University of Catania (supervised by Prof. A. Cambria) (1993-1995)
- ✓ Scientific training carried out at the Institute of Physiology, University of Catania, (supervised by Prof. G. Li Volsi) (1996)
- ✓ Scientific training carried out at the Institute of Biochemistry and Clinical Biochemistry, Catholic University of Rome, (supervised by Prof. B. Giardina) (1996)
- ✓ Scientific guest for the Department of Chemical Sciences of the University of Catania as part of the research project dedicated to the analysis in HPLC of cigarette filter condensate (responsible for Prof. G. Lazzarino) (2001)
- ✓ Scientific guest for the Department of Agronomic, Agrochemical and Animal Production at the University of Catania for collaboration in research on the antioxidant power of cyanidin (responsible for Prof. G. Galvano) (2001)
- ✓ F Research Fellow position at the Department of Neurosurgery, Virginia Commonwealth University (Richmond, Virginia, USA), (supervisor Prof. A. Marmarou) (Nov 2001- Dec 02)
- ✓ Scientific guest for the Department of Chemical Sciences of the University of Catania as part of the research project "Innovative applications in diagnostics through supramolecular adducts" (responsible for Prof. E. Rizzarelli) (2003)
- ✓ Post-doctoral fellow in Biochemistry and Molecular Biology, carried out at the biochemistry section of the Department of Chemical Sciences, University of Catania (supervised by Prof. G. Lazzarino) (2003-05)
- ✓ Tutor of a research group in the laboratory at the Institute of Biochemistry and Clinical Biochemistry of the Catholic University of Rome, (supervised by Prof. B. Tavazzi) (2005)
- ✓ Laboratory Fellow in the degree course in Health Biotechnology at the Catholic University of the Sacred Heart- Rome (supervised by Prof. B. Tavazzi) (2006)
- ✓ Researcher in the BIO / 10 field (Biochemistry), Institute of Biochemistry and Clinical Biochemistry, Faculty of Medicine and Surgery, Catholic University of Rome (director Prof. B. Giardina) (2008)
- ✓ Term Short term guest at the Cell Biology laboratory (director Prof. P. Leone), University of Medicine and Dentistry- Stratford (New Jersey), USA (February 2010)

## **SCIENTIFIC RESPONSIBILITY, FINANCING FOR RESEARCH PROJECTS, PATENT OWNERSHIP**

- ✓ **Scientific grant leader for the (BIENNIAL) funding** of the "Young Researchers-1999" Project - University of Catania 1999
- ✓ **Scientific grant leader for D1 (ex 60%) funding - year 2011 for research projects**, Catholic University of the Sacred Heart, Rome (BIENNIAL) with a project entitled: "Biomarkers circulating in the biological fluids of patients with multiple sclerosis (MS)"
- ✓ **Holder of 5 patents** (n.0001359858 of 2005), (n.0001371767 of 2006), (MI2006A000690, 2006), (EP 1860116, 2007), (02016000109735, 2016)

## **PEER REVIEWER** (since 2015) for:

- ✓ BBA - Molecular Basis of Disease
- ✓ Nutrition

## **EDITORIAL BOARD MEMBER** (since 2018) for:

- ✓ Frontiers in Pharmacology

## **CO-GUEST EDITOR** (since 2020) for:

- ✓ [Antioxidants] Special Issue "Oxidative and Nitrosative Stress Related to Mitochondrial Dysfunction in Traumatic Brain Injury"

## **SCIENTIFIC PRODUCTION AND BIBLIOMETRICS (updated in January 2020, SCOPUS):**

- ✓ **n.68** articles in high impact factor international journals
- ✓ Total citations (SCOPUS: **2169**)
- ✓ Totale H-index (SCOPUS: **24**)

## **HIGH QUALITY PUBLICATION AWARD**

- ✓ **Winner of high quality publication award - Year 2017**, announced by the Catholic University with the selected publication: "Serum Compounds of Energy Metabolism Impairment Are Related to Disability, Disease Course and Neuroimaging in Multiple Sclerosis" -Mol Neurobiol. 2017 (54) pag. 7520-7533-impact factor: 6.19 -equivalent percentile: 90.541 -placement quartile: Q1

## **INSTITUTIONAL COMMITTEE:**

- ✓ Member of the staff of the Biotechnology PhD program (2019) DOT1708221 at the University of Catania (2019)
- ✓ Committee member for the research grant call n.1275 ( D.R. n. 3 at 03/01/2019, University of Catania)
- ✓ Committee member for the Biometec teachers call related to the University Program on International Mobility (see department of 11 Dec 2019)

## **EDUCATIONAL RESPONSIBILITY ROLES**

- ✓ COORDINATOR of the Integrated Course of Molecular Bases, Degree course in Obstetrics, AY 2017-18 Catholic University of the Sacred Heart, site: San Carlo Hospital, Potenza
- ✓ Member of the TEACHERS-STUDENTS JOINT COMMITTEE for the Degree course in Cosmetic Sciences and Technologies at the Catholic University of Rome (AY 2016-17, AY 2017-18)
- ✓ REFERENCE TEACHER for the academic years 2015-16, 2016-17, 2017-18 in the Degree course in Cosmetic Sciences and Technologies - Catholic University of the Sacred Heart (Rome) with assignment in the discipline of Biochemistry and Applied Molecular Biology
- ✓ COORDINATOR of the Integrated Course of Biomedical Sciences, degree course in Occupational Therapy AY 2014-15; Catholic University, site of Bolzano-Provincial Superior School of Health
- ✓ COORDINATOR of the Integrated course of basic Biomedical Sciences, degree course in Dental Hygiene AY 2013-14; Catholic University, branch of Bolzano-Provincial Superior School of Health
- ✓ COORDINATOR of the Integrated Course of Human Sciences, Degree Course in Environmental and Workplace Prevention Techniques AY 2012-13 Catholic University branch of the A.S.L. RM G - 3rd floor Municipal Offices - Colferro (Rome)

## TEACHINGS

Since 2010 to 2019 (I semester) (*Catholic University - Rome*)

- BIOCHEMISTRY AND GENERAL INORGANIC AND ORGANIC CHEMISTRY (BIO-10)
- BIOCHEMISTRY (BIO-10)
- CHEMISTRY AND BIOCHEMISTRY (BIO-10)
- BIOCHEMISTRY and APPLIED MOLECULAR BIOLOGY (BIO-10)

**Since 2016 to 2019 (I semester):** (*English teachings for Medicine and Surgery course degree - Catholic University - Rome*):

- LABORATORY (SAFETY AND HEALTH) PRACTICALS (BIO-10)
- CHEMISTRY/BIOCHEMISTRY PRACTICALS (BIO-10)
- SKELETAL-MUSCLE-SYSTEM: BIOCHEMISTRY PRACTICALS (BIO-10)

**Specialization schools** (*since 2013 to 2019 I semester, Internal medicine, Catholic University - Rome*):

- BIOCHEMISTRY (BIO-10)