

PERSONAL INFORMATION

Angela Maria Amorini



**Angela Maria Amorini**

Associate Professor- Biochemistry (Bio/10)  
University of Catania

WORK EXPERIENCE

**Fields of collaboration  
(since 2010)**

- Studies of experimental motoneuronal loss in mice (Prof. ██████████, Dr. | ██████████-Biometec, Section of Physiology, University of Catania)
- Studies of metabolomics parameters in experimental brain injury in Zebrafish Prof. ██████████ Biometec, Section of Biochemistry, University of Catania)
- Studies of Semax signaling properties on SH-SY5Y cells (Dr. ██████████ m ██████████ and ██████████ CNR, Ct, Institute of Cristallography)
- Studies on glycosylation defects in lymphocytes of young patients (Dr. ██████████, Department of Clinical and Experimental Medicine-Child and Adolescent Psychiatry)-University of Catania)
- Studies of metabolomics in cancer (Prof. ██████████ and ██████████ - Biometec, Section of Biochemistry, University of Catania)
- Studies of human infertility (dr. ██████████ Alma Res Fertility Center, Rome)
- Studies on in vitro brain injury experimental models (dr. ██████████ and ██████████ College of Medical and Dental Sciences, University of Birmingham)

**(February 2010)**

Short term guest at the Cell Biology laboratory University of Medicine and Dentistry- Stratford (New Jersey), for studies on metabolic network of N-acetyl aspartate in pathological conditions, supervisor Prof. ██████████

**(2006)**

Laboratory Fellow in the degree course "Health Biotechnology"-Catholic University of the Sacred Heart- Rome (supervised by Prof. ██████████)

**(2005)**

Tutor of research group in the laboratory at the Institute of Biochemistry and Clinical Biochemistry of the Catholic University of Rome

**(2003-2005)**

Post-doctoral fellow in Biochemistry and Molecular Biology -Department of Chemical Sciences, University of Catania (supervised by Prof. ██████████)

**(2003)**

Scientific guest at the Department of Chemical Sciences-University of Catania for the research project "Innovative applications in diagnostics through supramolecular adducts" (responsible for Prof. ██████████)

**(2001-2002)**

Research Fellow position at the Department of Neurosurgery, Virginia Commonwealth University (Richmond, Virginia, USA), (supervisor Prof. ██████████) –studies on model of diffuse traumatic brain injury in rat

**(2001)**

Scientific guest at the Department of Agronomic, Agrochemical and Animal Production – University of Catania for research on the antioxidant power of Cyanidin (supervisor prof. ██████████ ██████████)

**(2001)**

Scientific guest for the project on HPLC analysis of cigarettes filter

condensate (Dep of Chemical sciences, supervisor Prof. [REDACTED])

**(1996)** Scientific training at the Institute of Biochemistry and Clinical Biochemistry, Catholic University of Rome, (supervised by Prof. [REDACTED])

**(1996)** Scientific training carried out at the Institute of Physiology, University of Catania, (supervised by Prof. [REDACTED])

**(1993-1995)** Thesis studies carried out at the Institute of Biochemical and Pharmacological Sciences, University of Catania (supervised by [REDACTED])

EDUCATION AND TRAINING

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**(2020)** Qualification for Full Professor (SSD BIO/10 General Biochemistry Biology) (2020)

**(2018 to date)** Associate Professor position (SSD BIO/10 General Biochemistry, University of Catania)

**(2017)** Qualification for Associate Professor (SSD BIO / 12: Clinical Biochemistry and Clinical Molecular Biology)

**(2008-2018)** Permanent university researcher (BIO-10) (2008-2018)- Catholic University of the Sacred Heart, Rome

**(2001)** Teaching qualification in the Mathematics and Science competition class for middle school

**(1997-2000)** PhD in the "Biochemistry and Molecular Biology" field (Department of Chemical Sciences, University of Catania)

**(1997)** Qualification to the profession of biologist

**(1995)** Degree in Biological Sciences, Bio-Molecular specialization (top marks and honours), University of Catania, Italy

**(1990)** High school graduation ("Galileo Galilei" scientific high school, Catania)

**Scientific Production and bibliometric (updated Sept 2021, SCOPUS)**

**n.80** articles in high impact factor international journals

Total citations (SCOPUS: **2681**)

Total H-index (SCOPUS: **30**)

**Scientific Responsibility,  
Financing for Research  
projects, Patent  
ownership**

-Assignment to carry out the research activities within the project Action 1.1.5 PO FESR SICILY 2014-2020 "DiOncoGen", code 08CT8610100110, CUP: G9J18000700007, Lead Partner: 10M S.p.A. (2021-2022) Prof. [REDACTED]

-Assignment to carry out the research activities related to the project ARS01\_0045 "Development of advanced technologies and systems for car safety through ADAS ADAS + platforms "(CUP: E66C18000410005). (2019-20) Prof. [REDACTED]

-Assignment to carry out research activities within the "BONE ++" project (Area of specialization HEALTH) ARS01\_00693, CUP: B66G18000200005 \_ RNA-COR: 1708705. (2021) supervisor: Prof. [REDACTED]

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)"

Scientific grant leader for the (BIENNIAL) funding of the "Young Researchers-1999" Project - University of Catania 1999

Holder of 5 patents (n.0001359858 of 2005), (n.0001371767 of 2006), (MI2006A000690, 2006), (EP 1860116, 2007), (02016000109735, 2016)

**Honours and awards**

Winner of high quality publication award - Year 2017,(Catholic University) with the selected publication: "Serum Compounds of Energy Metabolism Impairment Are Related to Disability, Disease Course and Neuroimaging in in Multiple Sclerosis" -Mol Neurobiol. 2017 (54) pag. 7520-33-(Q1)

**Memberships**

Member of the staff of the Biotechnology PhD program (2019) DOT1708221 at the University of Catania (since 2019 to date)

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 meeting of 11 Dec 2019)

Committee member of the Management Group for Quality Assurance for the degree course in Biotechnology (University of Catania, since 2021)

**Teachings**

General Biochemistry, Biochemistry, Biochemistry and General inorganic and organic chemistry