
Annamaria Martorana CURRICULUM VITAE

PERSONAL INFORMATION

Surname, First name: **Martorana Annamaria**

<https://www.unipa.it/persone/docenti/m/annamaria.martorana>

ORCID: 0000-0002-9560-1882

Web of Science ResearcherID: L-4024-2015

Scopus Author ID: 55025831600

Date and place of birth: [REDACTED], Torino, Italy

Contacts: **annamaria.martorana@unipa.it**

Address: Department of Biological, Chemical, and Pharmaceutical Sciences and Technologies (STEBICEF), via Archirafi 32, 90123, Palermo, Italy, Viale delle Scienze, Ed.17, Palermo Italy.

EDUCATION

- 2006 **Postdoctoral Research Fellow**: (from August 2005 to February 2006), at the Department "Farmacochimico, Tossicologico e Biologico" of the University of Palermo, Italy.
Project Title: "Azaindole systems with a potential antitumor activity"
Supervisor: Prof. Girolamo Cirrincione.
- 2005 **Visiting researcher** (from November 2004 to July 2005), at the Centre for Biomolecular Sciences, Cancer Research, University of Nottingham (UK).
Project Title: "Novel oxidation products of antitumor azoles"
Supervisor: Emeritus Professor Malcolm F.G. Stevens.
- 2005 **CNR Summer School** "New Developments in Translational Research" and EACR/BACR Symposium "Cancer Drug Discovery, Development and Evaluation", University of Nottingham, 13-15th July 2005, Nottingham, UK.
- 2005 **PhD degree** in "Medicinal Chemistry" (the final exam of the three years 2001-2004 PhD course was on February 2005) at the University of Palermo, Italy.
Thesis Title: "The chemistry of isoindole"
Supervisor: Prof. Patrizia Diana.
- 2004 **European School of Medicinal Chemistry** (XXIV Advanced Course of Medicinal Chemistry and "E. Duranti" National Seminar for PhD Students), Urbino, July 4-8th, 2004.
- 2001 **Pharmacist Licensure** awarded after one year professional training period at the Dr. Tulone's Pharmacy, Palermo (Italy), and a positive assessment of the final Pharmacist State Exam.
- 2001 **Graduated** in MSc, Pharmaceutical Chemistry and Technology, final grade: summa cum laude, in April 2001 at the University of Palermo, Italy.
Thesis Title: "Alternative Synthesis for pyrrolo[2,1-d][1,2,3,4]tetrazines: a New Class of Azolotetrazines Related to the Antitumor Drug Temozolomide"
Supervisor: Prof. Girolamo Cirrincione.

CURRENT POSITION

2019-to date **Associate Professor** in Medicinal Chemistry at the Department STEBICEF, University of Palermo, Italy.

PREVIOUS POSITIONS

- 2009 – 2019 **Assistant Professor** in Medicinal Chemistry at the Department STEBICEF, University of Palermo, Italy.
- 2006-2009 **Lecturer** in Medicinal Chemistry (February 2006) at the Department "Farmacochimico, Tossicologico e Biologico" of the University of Palermo, Italy.

FELLOWSHIPS AND AWARDS

- 2005 17th Lakeland Symposium: Grasmere 5-9th May 2005, Grasmere Village, Cumbria, UK, Royal Society of Chemistry, Organic Division, Heterocyclic Group.
Award for the best presentation.
- 2004 Title: "Synthesis, reactivity and antineoplastic activity of isoindoles derivatives"
Abroad University Education Fellowship awarded from the University of Palermo, Italy.

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

- 2006 – to date **Supervisor** University Graduate Theses (degrees in "Pharmacy" and "Pharmaceutical Chemistry and Technology", Faculty of Pharmacy, University of Palermo, Italy.
Co-tutor of PhD students in Medicinal Chemistry PhD course.
Academic Supervisor of students during their professional training period to the Pharmacist Licensure, University of Palermo, Italy.

TEACHING ACTIVITIES

- 2019-to date Teaching Professor of the course "Analysis of drugs and biomolecules". University of Palermo, Postdoctoral School of Pharmacy, Italy.
- 2017-2019 Teaching Professor of the course "Drug and medicinal analysis III". University of Palermo, Postdoctoral School of Pharmacy, Italy.
- 2014-2018 Teaching Professor of the course "Advanced Medicinal Chemistry". University of Palermo, Pharmaceutical Chemistry and Technology, Faculty of Pharmacy, Italy.
- 2011-to date Teaching Professor of the course "Molecular basis of drug action". University of Palermo, Postdoctoral School of Pharmacy, Italy.
- 2011-2012 Teaching Professor of the course "Laboratory of preparation and analysis of drugs". University of Palermo, Faculty of Pharmacy, Italy.
- 2010-2011 Teaching Professor of the course "Drug and medicinal analysis II". University of Palermo, Faculty of Pharmacy, Italy.
- 2010-2011 Teaching Professor of the course "Principle of Medicinal Chemistry". University of Palermo, Faculty of Mathematical, Physical and Natural Sciences, Italy.
- 2010-2011 Teaching Professor of the course "Drug and medicinal analysis". University of Palermo, Faculty of Mathematical, Physical and Natural Sciences, Italy.
- 2006-2009 Teaching Professor of the course "Principle of Medicinal Chemistry". University of Palermo, Faculty of Medicine and Surgery, Italy.

ORGANISATION OF SCIENTIFIC MEETINGS

- 2023 Member of the Organizing Committee of the "First STEBICEF young Researcher workshop", January 12, Palermo, Italy.
- 2019 Member of the Organizing Committee of the "Società Chimica Italiana Congresso congiunto delle sezioni Sicilia e Calabria", March 1-2, Palermo, Italy.
- 2007-2009 Involved in the organization of the "European Researchers' night", European Commission, Research and Innovation, University of Palermo, Italy.
- 2005 Involved in the organization of 20th ICHC (International Congress of Heterocyclic Chemistry), Palermo, July 31-Aug 5, 2005. Congress chairman Prof. G. Cirrincione.
- 2004 Member of the Organising Committee of the PhD students' Meeting "Pharm, Chem & Tech", June 10-11, Palermo, Italy.

INSTITUTIONAL RESPONSIBILITIES

- 2019-to date Department delegate for orientation in Pharmacy and Pharmaceutical Chemistry and Technology courses, STEBICEF Department, University of Palermo.
- 2013-to date Graduate Student Advisor, School of basic and applied Sciences, University of Palermo, Italy.
- 2011-to date Member of the School Committee; Teaching Professor, Postdoctoral School in Pharmacy University of Palermo, Italy.

2006-to date	Academic Supervisor of MS students in their professional training period to the Pharmacist Licensure, University of Palermo, Italy.
2009-2012	Member of the Board of Professor of the PhD course of “Chemical Sciences”, University of Palermo, Italy
2006-2013	Graduate Student Advisor, Faculty of Pharmacy, University of Palermo, Italy.
2006-2013	Member of the Faculty Committee, Teaching Professor Faculty of Pharmacy, University of Palermo, Italy.

Referee in ISI recognized international journals as:

- Journal of Medicinal Chemistry
- European Journal of Medicinal Chemistry
- ACS Omega
- Bioorganic and Medicinal Chemistry
- Bioorganic and Medicinal Chemistry Letters
- QSAR & Combinatorial Science
- International Journal of Biomolecular Sciences
- Molecular Diversity
- Molecules
- Journal of Molecular Modeling

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

Member of the Italian Chemical Society (S.C.I.) and of International Society of Heterocyclic Chemistry (I.S.H.C.)

MAJOR COLLABORATIONS

Prof Alberto J. L. Macario, M.D. of department of Microbiology and Immunology School of Medicine, University of Maryland at Baltimore, USA.

Prof. Péter Mátyus, department of Organic Chemistry, Semmelweis University, Budapest, Romania

Dr Francesco Mingoia, Istituto per lo Studio dei Materiali Nanostrutturati, CNR - Palermo, Italy.

Collaboration with the Cancer Research Group of Prof. M.F.G. Stevens, University of Nottingham (UK).

Project Title: “Novel oxidation products of antitumor azoles”.

CAREER BREAKS

From March to July 2017 Maternity leave.

From October 2014 o February 2015 Maternity leave.

From March to July 2013 Maternity leave.

Research Activity

Synthesis and in silico studies of new small molecules with antiproliferative, antibacterial, and antiviral activities.