

## Anna Carbone

Associate Professor

### EDUCATION AND TRAINING

**2017-2020:** Visiting scientist, Department of Drug Discovery and Development (D3), Italian Institute of Technology (IIT), Genoa, project title: "Modulators of the receptor of bone morphogenetic proteins".

**2004:** PhD in Medicinal Chemistry, University of Messina, thesis title: "Synthesis, SAR, and anti-HIV activity of new thiazolidinone derivatives".

**2000:** Degree with honours (magna cum Laude) in Pharmaceutical Chemistry and Technology, University of Messina, thesis title: "Synthesis, anti-HIV activity, and pharmacokinetic properties of oxazole[3,4-a]benzimidazoles".

**1989-1994:** Scientific school certificate at Liceo Scientifico Statale "Elio Vittorini" of Lentini (SR).

### PROFESSIONAL HISTORY

**2011-2020:** Assistant Professor SSD-CHEM-07A (Medicinal Chemistry), Department of Pharmacochemical, Toxicological and Biological, University of Palermo.

**2009-2010:** Researcher, Department of Pharmacochemical, Toxicological and Biological, University of Palermo, project title: "Synthesis of heterocyclic compounds with antineoplastic activity".

**2007-2009:** Research Fellow, Department Pharmacochemical, Toxicological and Biological, University of Palermo, project title: "Synthesis and biological evaluation of new bis-azaindole and azaindol-indolyl heterocycles: analogues of the marine alkaloid nortopsentin".

**2003-2007:** Research Fellow, Department Pharmacochemical, Toxicological and Biological, University of Palermo, project title: "Synthesis of bis- (3-indolyl) -pyrroles deaza analogues of marine bis (indole) alkaloid nortopsentins".

### ACADEMIC APPOINTMENTS

**2021-oggi:** Member of the Study Plan Committee for the Degree Program in Pharmacy and Pharmaceutical Chemistry and Technology (CTF), Department of Pharmacy (DIFAR), University of Genova.

### EXPERIENCE

TEACHING OR RESEARCH POSITIONS (FELLOWSHIPS) AT FOREIGN UNIVERSITIES AND RESEARCH INSTITUTES

**2010-2012:** Marie Curie Intra-European Fellow, School of Chemistry, University of Nottingham, project title: "New bioactive agents based on natural products".

Editorial board member of the journals: Bioorganic Chemistry, Current Medicinal Chemistry, Pharmaceuticals, Pharmaceutics.

Reviewer for international journals: Journal of Medicinal Chemistry, European Journal of Medicinal Chemistry, Bioorganic Medicinal Chemistry, Bioorganic Medicinal Chemistry Letters, Marine Drugs, Molecules, Current Medicinal Chemistry, Arkivoc, Arabian Journal of Chemistry, International Journal of Molecular Sciences, Pharmaceuticals, Pharmaceutics, Journal of Molecular Structure.