

## Giuseppina SABATINO, PhD

CNR Istituto di Cristallografia  
Sede secondaria di Catania  
Via Paolo Gaifami  
18 - 95126 Catania (ITALY)  
e-mail: giuseppina.sabatino@cnr.it

### Professional career

**September 2017 - Today:** Researcher (CNR)

**April 2015 - September 2017:** Postdoctoral Research Fellow at the University of Florence, Department of Chemistry. Project: "Design and synthesis of peptides for immunological studies".

**April 2009 - March 2015:** Contract worker, Espikem S.r.l for the following project "Design, synthesis and commercialization of peptides and their analogues of pharmaceutical interest, biomedical and cosmeceutical.

**December 2011 - November 2013:** Post-doctoral fellow at the University of Florence, Department of Chemistry. Project: "Chemical characterization of proteinaceous pictorial material by UPLC-AccQTag and proteomic techniques".

**November 2001 - October 2009:** Post-doctoral fellow at the University of Florence, Department of Chemistry. Project: "Synthesis of modified peptides in the context of Plasma filtration and immunoabsorption".

**January 1999 - October 2001:** Scholarship at the division of Nuclear Medicine Department of Istituto Europeo di Oncologia (Milano) on the research project "Synthesis of new biotin derivatives containing azamacrocyclic chelating Agents".

### Education and Training

**January 2017** Qualification a Maître de conférences, Campagne 2017 section 32-Chimie organique, minérale, industrielle, N° de qualification 17232198587.

**January 2005: PhD in Chemistry** at the University of Florence, Department of Chemistry. Thesis entitled: "Solid Phase Peptide Synthesis. Evaluation and optimization of different synthetic procedures"

**July 1998: Master Degree in Chemistry.** Thesis entitled: Solid phase cyclization of peptides containing histidine by anchoring the imidazole ring to trityl resins".

### Experience and Competences:

Expert in design and synthesis of unnatural amino acids, peptides and their analogues of biomedical interest (also with radioactive metals for radioimmuno diagnosis and therapy). Modified and labeled peptides. Peptide-protein conjugate for biological applications. Technology transfer for manufacturing of GMP grade peptides as drugs by solution and solid phase strategies using manual, semi-automatic and automatic synthesizers at room temperature and microwave-assisted. Expert in analytical techniques, i.e., NMR, IR, UV, HPLC and UHPLC, MS. Peptide purification by semi-preparative and preparative HPLC, SPE and flash chromatography. Anion exchange process to remove TFA. Amino acids analysis.

Language: Italian (first language); English (good); French (good).

### Citation report From Web of Science

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