

# Curriculum Vitae

## Personal information

Surname(s) / First name(s)

**Sortino Salvatore**

Address(es)

Department of Drug Sciences, University of Catania, Viale A. Doria 6, I-95125 Catania (Italy)

Telephone(s)

E-mail

[ssortino@unict.it](mailto:ssortino@unict.it)

Nationality

Date of birth

Gender

## Work experience

Date

From January 2016 - To date

Occupation or position held

Full Professor of Inorganic Chemistry

Name and address of employer

University of Catania

Date

2005 - 2015

Occupation or position held

Associate Professor of Inorganic Chemistry

Name and address of employer

University of Catania

Date

1996 - 2004

Occupation or position held

Assistant Professor of Inorganic Chemistry

Name and address of employer

University of Catania

## Education and training

Date

October 2011 – November 2011

Title of qualification

Visiting Scientist

Name and address of employer

University of Miami (USA)

Date

June 2004 – September 2004

Title of qualification

Visiting Scientist

Name and address of employer

University of Miami (USA)

Date

February 1998 – March 1998

Title of qualification

Visiting Scientist

Date

February 1998 – March 1998

Title of qualification

Visiting Scientist

Name and address of employer

Max Planck Institut fur Strahlenchemie, Mulheim (Germany)

Date

April 1998 – April 1999

Title of qualification

Visiting Scientist

Name and address of employer

University of Ottawa (Canada)

Date February 1995 – April 1996  
 Title of qualification Post Doctoral Fellow, FRAE-CNR, Bologn (Italy)  
 Name and address of employer FRAE-CNR, Bologna (Italy)

Date 1994  
 Title of qualification PhD in Chemical Sciences  
 Name and address of employer University of Catania (Italy)

Date 1990  
 Title of qualification Laurea summa cum laude in Chemistry  
 Name and address of employer University of Catania (Italy)

### Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

European level (\*)

Language: English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2 Proficient User	C2 Proficient User	C2 Proficient User	C2 Proficient User	C2 Proficient User

(\*) Common European Framework of Reference (CEF) level

### Social skills and competences

Excellent networking skills; good ability to adapt to multicultural environments gained through my work experience abroad; ability to work within a team, coordinate teamwork; excellent communication skills.

### Organisational skills

- Head of the Photochemistry Lab (2004 - to date)
- Coordinator of the PhD School in Chemical Science, University of Catania (2015 - to date)
- Scientific Coordinator of the School of Excellence, University of Catania (2011-2019)
- Coordinator of the Master in "Nanotechnologies for Drug Delivery" in the frame of the project "PON Hyppocrates" (2012 - 2015).
- Member of the Scientific Advisory Board of the European Society for Photobiology (From 2020)
- Member of the Directive Council of the Italian Group of Photochemistry (2001-2005 and 2010 – 2014)
- Member of the Directive Council of the Interdivisional Photochemistry Group of the Italian Chemical Society (2006 – 2010)
- Member of the European Photochemistry Association (1996 – to date)
- Member of the Organizing Committee of the 2<sup>nd</sup> Mediterranean Meeting on Photochemistry, Giardini Naxos (2003)
- Chief Organizer of the International Summer School on Photoactivable antibacterials: from basic concepts to practical applications, Bologna (2016)
- Chief Organizer of the Workshop on: Advances in Cyclodextrin Chemistry and Current Applications, Catania (2010).
- Editor of the Book, Light Responsive Nanostructured Systems for Applications in Nanomedicine – Springer 2016.

### **Scientific Activity**

Multidisciplinary aspects of photochemistry and photobiology applied to molecular and supramolecular systems and nano-materials, through the study of photoinduced processes in a variety of organized systems including cyclodextrins, micelles, vesicles, proteins, DNA, nanoparticles and film thin. Currently, it mainly focuses on the design and implementation of light-activatable nanoconstructs for therapeutic and imaging applications, with particular emphasis on photodynamic inactivation by reactive oxygen and nitrogen species.

### **Scientific Output**

- 226 Publications in peer reviewed journals (169 as corresponding author) of which 210 listed by ISI.
- H Index = 39; Number of Citations = 5700 (Scopus)
- 2 International Patents
- 24 Cover Pages in International Scientific Journals
- 10 Hot Papers in International Scientific Journals
- More than 50 invited talks at National and International Conferences and Schools
- 9 Research projects funded over the last 15 years (Coordinator or Principal Investigator)

### **Referee Activity for Scientific Journals**

- Journal of American Chemical Society, Account of Chemical Research, Inorganic Chemistry, Organic Letters, Journal of Organic Chemistry, Journal of Physical Chemistry, Langmuir, Chemistry of Materials, Chemical Research in Toxicology, Biomacromolecules (*American Chemical Society*)
- Photochemistry and Photobiology (*American Society for Photobiology*)
- Angewandte Chemie, Small, Chemistry - A European Journal, Chemistry - Asian Journal, Advanced Materials, Advanced Functional Materials, Advanced Biomaterials, ChemPhysChem (*Wiley*)
- Chemical Society Review, Chemical Science, Chemical Communications, Journal of Material Chemistry, Physical Chemistry Chemical Physics, New Journal of Chemistry, Organic & Biomolecular Chemistry, RSC Advances, Photochemistry and Photobiological Sciences, Polymer Chemistry, The Analyst, Nanoscale (*Royal Society of Chemistry*)
- Journal of Photochemistry and Photobiology, Biomaterials, Advances in Colloid and Interface Science, Thin Solid Films, Journal of Luminescence, Chemical Physics Letters, Material Science and Engineer C (*Elsevier*)

### **Referee Activity for International Research Projects**

- Multinational Research Program on Self-Organized Nanostructures, EROCORES Programme, European Science Foundation
- National University of Singapore
- ACS Petroleum Research Fund, American Chemical Society (USA)
- Projects of Research Grants Council of Hong Kong
- Agence Nationale de la Recherche (France)
- Projects of Research Grants GranCzech Science Foundation (GACR)
- Third World Academy of Sciences Research Grants Programme
- NanoMed International PhD Programm (Spain)