

CURRICULUM VITAE



Personal details

Date of birth: 18 October 1972

Place of birth: Sassari (Italy)

Nationality: Italian

Address: CNR Institute of Biomolecular Chemistry
Traversa la Crucca 3, 07100 Sassari-Italy.

Telephone contacts

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Academic Career and Education

From 2018 to present

Permanent Researcher at the National Council Research (C.N.R.), Institute of Biomolecular Chemistry, Trav. La Crucca 3, 07100 Sassari (Italy).

2012-2017

Researcher Contracts at the National Council Research (C.N.R.), Institute of Biomolecular Chemistry, Sassari

2010-2012

Regional researcher contract at Porto Conte Ricerche s.r.l. (Alghero, Italy)

2009-2010

Pharmaceutical private contract with NeED Pharmaceuticals s.r.l. (Milan) at Faculty of Pharmacy, Sassari.

2007-2009.

Researcher contract with Master and Back Autonomous Sardinia Region program at the National Council Research, Institute of Biomolecular Chemistry.

2005-2006

Postdoc at CNRS at the Université Pierre et Marie Curie, Paris.

2001-2005

PhD in Organic Chemistry Department of Chemistry, King`s College London, London.

2002-2003

Laboratory assistant at King`s College London, Department of Chemistry, London.

2002

Visiting PhD student at Russian Organic Chemistry laboratory, A. N. Institute of Organo-Element Compounds at Russian Academy of Sciences, Moscow

1997-2000

Researcher at the National Council for Researches (C.N.R.), the Institute of Chemistry Biomolecular, in Sassari (Italy).

1991-1996

Degree in Chemistry and Pharmaceutical Technologies, University of Sassari
Mark: 110/110 cum laude (Honours).

Research Activity

Chim06_Organic Chemistry
Natural products synthesis.
Small molecules synthesis
Green chemistry

Skills

- Wide experience in design, synthesis, characterization and study of natural and natural-like phenols and polyphenols to be applied in agriculture, biology and medicine.
- Competent in sustainable chemistry using environmentally friendly technologies.
- Experience in total synthesis resulting in a good knowledge of synthetic techniques for the preparation, separation, and characterization of organic compounds.

Publications

17 Articles on International referencing journals, 36 communications to national and international congresses, 3 Cambridge Structural Database crystal structure.

- Web of Science Researcher ID: H-2026-2013
- ORCID: 0000-0001-8749-6093

h-index 12 (Web of Science 2021).

On-going projects

-DCM.AD004.092 Two year project 2020-2022. "Phenols and hydroxylated biphenyls having selected biochemical properties prepared with sustainable synthetic methodologies".
-SAC.AD002.014.030 Bilateral CNR-Morocco project 2020-2021: "Natural approach to control phytopathogens and mycotoxigenic fungi on saffron and cumin spices growing in the Mediterranean Area".

Award

2003

Winner of `Daniel Prize` for Best 2nd Year PhD Poster of in the annual Research Day at the 'School of Physical Sciences & Engineering', King's College London

Date

17/09/2021

Paola Carta

