



Laura Siracusa, Ph.D.
Natural Products & Food Chemistry Group

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Education

1996 Graduation in Chemistry - Bio-organic, first class honour, Department of Chemistry, Catania (ITA)

1996-1999 Ph.D. in Organic Chemistry, Department of Chemistry, University of Catania (ITA)

Work experience

2000-2001 Post-Doc in: Supramolecular Chemistry, Department of Chemistry, University of Bristol (UK);

2001-2002 Research Assistant in: Biocatalysis, National Research Council of Italy (ICB-CNR), Catania (ITA). Project: "Development of chemo-enzymatic processes for the synthesis of bioactive molecules of pharmaceutical interest"

2002-2003 Research Assistant in: Organic Chemistry, Department of Chemistry, University of Catania (ITA). Project: "Chemo-enzymatic strategies to increase natural products bioavailability"

2003-2004 Account Manager at Sigma-Aldrich Co.

2004-present: Join the group "Natural Products and Food Chemistry" of ICB-CNR Catania, (ITA), firstly as research assistant (2004-2008) then as part of the permanent staff (from 1st January, 2008). From **March 2019** she is in charge as regular teacher of the class of Phytochemistry at the Faculty of Pharmacy of the University of Catania.

Research Interests

Metabolic profiling; analysis of complex matrices from natural sources, food biochemistry; study of edible plants profiles in pre-and post-harvest treatments, storage, and processing. Valorization of residual natural sources; structural modification of bioactive compounds. Currently collaborating with research units in agronomy, pharmacology, toxicology, material science, supramolecular chemistry, computational analysis, state-of-the-art statistical analysis.

Short presentation at <http://www.icb.cnr.it/it/index.php/personale/ricercatori/107-siracusa-laura>

Laura Siracusa received her Ph.D. in Organic Chemistry in 1999. As postdoctoral fellow, she joined the group of Professor Anthony P. Davis in 2000 in Dublin (Ireland) then in Bristol (UK), working in the field of supramolecular chemistry. Once returned in Italy, she joined the "Natural Product and Food Chemistry" team at the Catania section of the CNR's Institute of Biomolecular Chemistry, where she is part of the permanent staff since January 2008.