

La Rosa Concetta
Associate Professor



Education

- Degree in Chemistry, Università degli studi di Milano (1981)
- Advanced Diploma in “Chemical and Analytical Methodologies of Fine Organic Chemistry” – Politecnico di Milano - (1986)
- PhD in Organic Chemistry, Università degli studi di Milano (1987)

Professional experience

- Multi-year experience at the Department of Organic and Industrial Chemistry, Faculty of Sciences, Università degli studi di Milano, in the field of synthesis of potential biologically active products (1981-1990)
- Assistant Professor of Organic Chemistry, Faculty of Pharmacy, Università degli Studi di Milano (1992)
- Associate Professor of Organic Chemistry, Faculty of Pharmacy, Università degli Studi di Milano (2000)

Some significant publications

1. D. Fracassetti, M. Stuknyte, **C. La Rosa**, M. Gabrielli, I. De Noni, A. Tirelli, “Thiol precursors in Catarratto Bianco Comune and Grillo grapes and effect of clarification conditions on the release of varietal thiols in wine”, *Australian Journal of Grape and Wine Research* **2018**, *24*, 125-133.
2. **C. La Rosa**, G. Cremonesi, P. Dalla Croce, M. Gallanti, “Asymmetric synthesis of *syn* and *anti* methyl 2,3-diamino-3-phenylpropanoate derivatives from *N*-substituted imines and *Schöllkopf*'s bislactim ether”, *Tetrahedron* **2014**, *70*, 2054-2058.
3. **C. La Rosa**, G. Cremonesi, P. Dalla Croce, A. Forni, “Stereoselective synthesis of constrained norbornane-derived spiro- β -lactams”, *Tetrahedron*, **2013**, *69*, 1175-1182.
4. **C. La Rosa**, G. Cremonesi, P. Dalla Croce, A. Forni, M. Gallanti, “Stereoselective synthesis of β -substituted-*L*-Treonines from enantiopure 5-acetyl-2-isoxazolines”, *Tetrahedron* **2011**, *67*, 2925-2033.
5. **C. La Rosa**, G. Cremonesi, P. Dalla Croce, F. Fontana, “Enantiomerically pure polyheterocyclic spiro- β -lactams from *trans*-4-hydroxy-*L*-proline”, *Journal Organic Chemistry* **2010**, *75*, 2010-2017.

Research activity

Research interests are related to synthetic organic chemistry with particular reference to:

A) diastereo- and enantioselective synthesis of compounds with biological activity such as beta-lactams or non-natural amino acids; B) study of the synthesis and reactivity of heterocyclic compounds.

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