

## CURRICULUM VITAE

Francesca Clerici  
Associate professor



- Degree cum laude in Pharmacy, University of Milan, (1984);
- PhD degree in “Chimica del Farmaco”, (1990)
- Degree cum laude in Chemistry and Pharmaceutical Technology, University of Milan (1994)

- Five years experience in an Italian pharmaceutical industry as a researcher in the drugs development laboratory (1990-1995)
- Assistant professor, Organic Chemistry, Faculty of Pharmacy, University of Milan (1995).
- Associate Professor, Organic Chemistry, Faculty of Pharmacy, University of Milan (2003)
- Responsible for internationalization of the Department of Pharmaceutical Sciences (from 2013)
- Erasmus Coordinator Department of Pharmaceutical Sciences – Faculty of Pharmacy (from 2013)

### Publications

More than 90 papers on peer-review journals, two patents, several communications, chapters of books. Selected recent

Ruffoni, A.; Contini, A.; Ferri, N.; Pinto, A.; Pellegrino, S.; Clerici, F.; Identification of the first enantiopure Rac1-Tiam1 Protein-Protein interaction inhibitor and optimized synthesis via phosphine free remote group directed hydroarylation *MedChemComm*, 2019, DOI: 10.1039/C8MD00477C

Ruffoni, A.; Cavanna, M. V.; Argentiere, S.; Locarno, S.; Pellegrino, S.; Gelmi, M. L.; Clerici, F. **Aqueous self-assembly of short hydrophobic peptides containing norbornene amino acid into supramolecular structures with spherical shape**, *RSC Adv.*, 2016, 6, 90754-90759

Clerici, F.; Erba, E.; Gelmi, M. L.; Pellegrino, S. **Non-standard amino acids and peptides: from self-assembly to nanomaterials** *Tetrahedron Letters*, 2016, 57, 5540-5550.

Clerici, F.; Ruffoni, A.; Contini, A.; Soave, R.; Lo Presti, L.; Esposito, I.; Maffucci, I.; Nava, D.; Pellegrino, S.; Gelmi, M. L. **Model peptides containing the 3-sulfanyl-norbornene amino acid, a conformationally constrained cysteine analogue effective inducer of 3<sub>10</sub>-helix secondary structures** *RSC Adv.*, 2015, 5, 32643-32656

Ruffoni, A.; Ferri, N.; Bernini, S. K.; Ricci, C.; Corsini, A.; Maffucci, I.; Clerici, F.; Contini, A. **2-Amino-3-(phenylsulfanyl)norbornane-2-carboxylate: An Appealing Scaffold for the Design of Rac1-Tiam1 Protein-Protein Interaction Inhibitors** *Journal of Medicinal Chemistry*, 2014, 57, 2953-2962.

Ferraro, L.; Loche, A.; Colombo, G.; Castelli, M. P.; Clerici, F. et al. **The New Compound GET73, N-[(4-trifluoromethyl)benzyl]4-methoxybutyramide, Regulates Hippocampal Aminoacidergic Transmission Possibly Via an Allosteric Modulation of mGlu5 Receptor. Behavioural Evidence of its "Anti-Alcohol" and Anxiolytic Properties** *Current Medicinal Chemistry*, 2013, 20, 3339-3357.

### Research interests

Research interests have been focused on a) design and development of new synthetic procedures for the preparation of organic compounds of biological interest; b) stereo-controlled synthesis of non-natural constrained amino acids and their exploitation in different fields c) self assembly

Web pages: <http://www.disfarm.unimi.it/ecm/home>

