Emanuela Erba
Researcher

Education:
1982: Master Degree in Pharmacy (University of Milano)

Working experience:
Funzionario tecnico (1983-2000)

Research Interests:
New amidines, syntetized by a efficient multicomponent reaction protocol, extensively used as syntones in heterocycle synthesis.
New bulding blocks usefull β *-turn* in peptidomimetics synthesis

Cinque pubblicazioni piu' significative:
New synthesis of alfa-branched aliphatic carboxylic acids optically pure from amidines Flavio Cassani, Giuseppe Celentano, Emanuela Erba and Donato Pocar *Synthesis*, **2004**, 1041-1046.

Multicomponent Synthesis of Pentyl-Solfonilamidines Via Diazoalkane, Alessandtro Contini, Erba Emanuela and Sara Pellegrino, *Synlet.* **2012***,* 1523-1525.

Click-chemistry approach to azacycloalkene monosulfonyl diamines: synthesis and computational analysis of the reaction mechanism, Alessandro Contini and Emanuela Erba, *RSC Advances,* **2012**, 2, 10652–10660.

3-aryl-N-aminoylsulfonylphenyl-1H-pyrazole-5-carboxamides: a new class of selective Rac inhibitors, Nicola Ferri, Sergio Kevin Bernini, Alberto Corsini, Francesca Clerici, Emanuela. Erba, Stefano Stragliotto, and Alessandro Contini, *Med. Chem, Comm.,* **2013**, 537-541.

Asymmetric Modular Synthesis of a Semirigid Dipeptide Mimetic by Cascade Cycloaddition/Ring Rearrangement and Borohydride Reduction; Sara Pellergino, Alessandro Contini, M. Luisa Gelmi, Leonardo Lo Presti, Raffaella Soave e Emanuela Erba *J. Org. Chem*. **2014**, 79, 3094−3102

Beta-Hairpin mimics containing a piperidine–pyrrolidine scaffold modulate the beta-amyloid aggregation process preserving the monomer species; S. Pellegrino, a N. Tonali, E. Erba, J. Kaffy, M. Taverna, A. Contini, M. Taylor,D. Allsop, M. L. Gelmi and S. Ongeri; *Chem. Sci.,* 2017, Advance Article DOI: 10.1039/C6SC03176E