


## PERSONAL INFORMATION



Nicoletta Gaggero

 Dipartimento di Scienze Farmaceutiche  
Università degli Studi di Milano

 0250314470

 nicoletta.gaggero@unimi.it

## WORKING POSITION

Research assistant professor at the University of Milan, Department of Pharmaceutical Science, via Venezian 21, building n°5, second floor, 20133 Milan

## WORK EXPERIENCE

- 1 November 1998 Research assistant professor at the University of Milan
- 1996-1998 Scientific and teaching collaboration in the group of Prof. S. Colonna
- 1995-1996 contractual agreement ex art. 26 DPR 382/80 in the degree course of Biotechnologies (University of Milan)

## EDUCATION AND TRAINING

- 1993-1995 Postdoctoral fellowship at the University of Milan
- 1992-1993 An year long fellowship established from Sanofi Recherche of Toulouse at the Laboratoire de Chimie de Coordination of C.N.R.S. in Toulouse In the group of Prof. B. Meunier
- 1991 Ph.D. in Chemical Science (IV cycle-1998/91)
- 1987-1988 An year long fellowship established from Pharmaceutical farm S.I.M.S. Reggello (Firenze) at the University of Milan  
Qualified as a pharmacist
- 1987 Doctor in Pharmacy at the University of Milan.

## PERSONAL SKILLS

- Mother tongue Italian
- Other languages English
- Job-related skills The research activity is focused on stereoselective chemistry , in particular organocatalysis and biocatalysis. Her field is the synthesis of building blocks and molecules with potential pharmacological properties.
- Other skills Use of analytical techniques such as FTIR, UV-visible, NMR.

**Teaching activity** She has taught Organic Chemistry and Bioorganic Chemistry to students of Pharmacy, Chemistry and Pharmaceutical Technologies (CTF), Pharmaceutical Biotechnologies degrees. To date she teaches Organic Chemistry to students of Pharmacy degree.

**Publications** She is author of more than 58 publications on international peer-reviewed journals, including review articles and book chapters.

#### 2014-2018 Publications

1. D. C. M. Albanese, N. Gaggero  
An overview on the N-heterocyclic carbene catalyzed aza-benzoin condensation reaction. *Catalysts* 2018, 8, 181/1-181/20.
2. D. C. M. Albanese, N. Gaggero, Fei Meng  
A practical synthesis of 2,3-dihydro-1,5-benzothiazepines. *Green Chemistry* 2017, 19, 5703-5707.
3. N. Gaggero, S. Pandini  
Advances in chemoselective intermolecular cross-benzoin type condensation reactions. *Org. Biomol. Chem.* 2017, 15, 6867-6887.
4. E. Massolo, D. Brenna, F. Cozzi, L. Raimondi, N. Gaggero, M. Benaglia  
2-Carboxythioester-1,3-dithiane: a functionalized masked carbonyl nucleophile for the organocatalytic enantioselective Michael addition to enones. *Synlett* 2016, 27, 2716-2720.
5. D. M. C. Albanese, N. Gaggero  
Albumin as a promiscuous biocatalyst in organic synthesis. *RSC Advances* 2015, 5, 10588-10598.
6. E. Massolo, M. Benaglia, A. Genoni, R. Annunziata, G. Celentano, N. Gaggero  
Stereoselective reaction of 2-carboxythioesters-1,3-dithiane with nitroalkenes: an organocatalytic strategy for the asymmetric addition of a glyoxylate anion equivalent. *Organic & Biomolecular Chemistry* 2015, 13, 5591-5596.
7. N. Gaggero, D. C. M. Albanese, D. Nava  
A new approach to 4,6-disubstituted-3,4-dihydropyran-2-ones by domino Michael addition-cyclization reaction under PTC conditions. *Tetrahedron*, 2014, 70, 8744-8749.
8. D. C. M. Albanese, N. Gaggero  
N-Heterocyclic carbene catalysis as a tool for gaining access to the 3,4-dihydropyran-2-one skeleton. *European J of Org. Chem*, 2014, 5631-5640.

Personal information

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I authorize, according to D.Lgs 14/03/2013 n. 33 concerning transparency, in case of conferment of the position and of the fellowship, the publication of this curriculum in the web site of Università degli Studi di Milano in the section "Amministrazione trasparente", "Consulenti e collaboratori".

Date

Signature