

CURRICULUM VITAE

Giorgio Abbiati

Associate Professor



Education

1985/86: High school graduation from "I.T.C.S.", Bollate (MI).

1995/96: Degree in PHARMACEUTICAL CHEMISTRY AND TECHNOLOGIES at University of Milan (UniMi).

1997/2000: Ph.D. in PHARMACETICAL CHEMISTRY at UniMi.

Professional Experience

2000 - 2001: Visiting researcher at UniMi, Istituto di Chimica Organica "A. Marchesini".

2001 - 2005: Post-doctoral fellowship at UniMi, Istituto di Chimica Organica "A. Marchesini"

2005 - 2015: Assistant Professor, at UniMi, Dipartimento di Scienze Farmaceutiche (DiSFarm), Sez. di Chimica Generale e Organica "A. Marchesini"

2015- : Associate Professor, at UniMi, DiSFarm - Sez. di Chimica Generale e Organica "A. Marchesini" (UniMi).

Five recent significant publications (2014-2017)

M. Dell'Acqua, V. Pirovano, S. Peroni, G. Tseberlidis, D. Nava, E. Rossi, G. Abbiati
"Silver Catalyzed Domino Approach to 1,3-Dicarbosubstituted Isochromenes"
Eur. J. Org. Chem. **2017**, (11), 1425-1433.

G. Tseberlidis, M. Dell'Acqua, D. Valcarengi, E. Gallo, E. Rossi, G. Abbiati, A. Caselli
"Silver comes into play: Henry reaction and domino cycloisomerisation sequence catalysed by [Ag(I)(Pc-L)] complexes"
RSC Adv. **2016**, 6, 97404–97419.

M. Dell'Acqua, L. Ronda, R. Piano, S. Pellegrino, F. Clerici, E. Rossi, A. Mozzarelli, M. L. Gelmi, G. Abbiati
"MediaChrom: discovering a class of pyrimidoindolone based polarity-sensitive dyes"
J. Org. Chem. **2015**, 21, 10939–10954.

M. Dell'Acqua, B. Castano, C. Cecchini, T. Pedrazzini, V. Pirovano, E. Rossi, A. Caselli, G. Abbiati
"Mild Regiospecific Synthesis of 1-Alkoxy-isochromenes Catalysed by Well-Defined [Silver(I)(Pc-L)] Complexes"
J. Org. Chem. **2014**, 79, 3494-3505.

M. Trose, M. Dell'Acqua, T. Pedrazzini, V. Pirovano, E. Gallo, E. Rossi, A. Caselli, G. Abbiati:
"[Silver(I)(Pyridine-Containing Ligand)] complexes as unusual catalysts for A³-coupling reactions"
J. Org. Chem. **2014**, 79, 7311-7320.

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<http://www.researcherid.com/rid/G-3142-2010>

https://www.researchgate.net/profile/Giorgio_Abbiati

Research activity in brief...

The research activity regards the organic chemistry field. It is supported by 70 publications (including 3 book-chapter and 2 published proceedings), 38 poster communications and 4 oral communications at national and international congresses. The research is focused on the study of novel synthetic methodologies for the preparation of heterocyclic compounds. From a methodological point of view, a great emphasis is given to homogenous metal catalysis (in particular Ag, Au and Pd), domino and multicomponent approaches and MAOS (Microwave-Assisted Organic Synthesis). The main topics are related to the synthesis and the study of synthetic potential of alkynes characterized by the presence of a tethered reactive group, for the preparation of oxygen- and nitrogen-containing hetero(poly)cycles (in particular isobenzofurans, indoles, quinolines, isocoumarins and isoquinolines).