

MARCO BANDINI

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Date of Birth	July 10 th 1973	
Professional		
11/2000-12/2011	Assistant Professor @ Alma Mater Studiorum – University of Bologna	
1/2012-03/2019	Associate Professor @ Alma Mater Studiorum – University of Bologna	
04/2019 -	Full Professor Organic Chemistry @ Alma Mater Studiorum – University of Bologna	
10/2022 -	Director of the Center for Chemical Catalysis "C3", Bologna, Italy link .	
Education		
10/1992-9/1997	UNIBO, Italy	M.Chem. (<i>cum laude</i>), Final-year project: "Synthesis of new bis-oxazoline ligands and their use in asymmetric C-C bond forming reactions" Advisor: Prof. Achille Umani-Ronchi .
10/1997-12/1997		Recordati spa (Milan).
1998-2000	UNIBO, Italy	PhD in Chemistry, "Asymmetric reactions promoted by chiral catalysts" Advisors: Prof. Pier Giorgio Cozzi and Prof. Achille Umani-Ronchi .
6/1998-9/1998	University of North Carolina @ Chapel Hill	Visiting researcher: "Synthesis of chiral ferrocenyl ligands for asymmetric synthesis" Advisor: Prof. Michael R. Gagné .
6/2004-10/2004	Center of Clean Technology, University of York	Visiting researcher: "New heterogeneous Pd-catalysts for sustainable cross-coupling reactions" Advisors: Prof. James Clark/Dr. Duncan Macquarrie .
Publication summary	148 articles – 109 independents (14 AngewChem, 2 JACS, 1 ChemSci, 15 ChemCommun), 14 book chapters, 2 patents.	
Brief track record (Scopus)	H-index = 53, Citations: 9910.	
Research summary	1) Development on synthetic methodologies based on catalytic strategies: metal (Ni and Au), photo (C-H activation), electrosynthesis (HAT, carboxylation) & carbocatalysis (graphene oxides). Valorization of CO ₂ into complex molecular scaffolds.	
Five selected publications	<ol style="list-style-type: none"> "Au(I)-assisted alpha Allylation of Enals and Enones with Alcohols", M. M. Mastandrea, N. Mellonei, P. Giacinto, A. Collado, S. P. Nolan, G. P. Miscione, A. Bottoni, M. Bandini, <i>Angew. Chem. Int. Ed.</i> 2015, <i>54</i>, 14885-14889; "Metal-free enantioselective electrophilic activation of allenamides: stereoselective de-aromatization of indoles", C. Romano, M. Jia, M. Monari, E. Manoni, M. Bandini, <i>Angew. Chem. Int. Ed.</i> 2014, <i>53</i>, 13854-13857; "Merging Synthesis and Enantioselective Functionalization of Indoles via Gold-catalyzed Asymmetric Cascade Reaction", M. Chiarucci, R. Mocci, L.-D. Syntrivanis, G. Cera, A. Mazzanti, M. Bandini, <i>Angew. Chem. Int. Ed.</i> 2013, <i>52</i>, 10850-10853; "The New Dimension of Graphene-oxide as a Mediator in Organic Synthesis: a mechanistic focus", L. Lombardi, M. Bandini, <i>Angew. Chem. Int. Ed.</i> 2020, <i>59</i>, 20767-20780. L. Lombardi, A. Cerveri, R. Giovanelli, M. Castiñeira Reis, C. Silva López, G. Bertuzzi, M. Bandini, <i>Angew. Chem. Int. Ed.</i> 2022, e202211732 	
Awards and Major Funding	<ul style="list-style-type: none"> 1998 Recordati spa (Milan) Fellow. 2002 Co.GiCO. Junior Award, Italian Chemical Society. 2004 Marco Polo Fellow, University of Bologna, Italy. 2005 "G. Ciamician" Medal, Italian Chemical Society. 2005 JSP Fellowship of the "40th EUCHEM Conference of Stereochemistry ("Bürgenstock-Conference"). 2009, 2012 and 2014 <i>Visiting Fellow</i>, National Science Foundation of China. 2016 <i>Visiting Fellow</i>, University of Normandy (France) 2019 JSPS fellowship for Research in Japan 2022 International Organic Chemistry Foundation (IOCF) Lecture Award (Osaka, Japan). 2022 EurJOC Lecture Award (Haifa, Israel) 	
Invited talks	More that 80 Invited lectures @ universities, industries and conferences	
Mentorship (2008 on)	Supervised/supervising 1 Tenured-track assistant professor, 45 Master (Erasmus) students 15 PhD students and 5 postdoctoral researchers	