

## Curriculum Vitae

Dipartimento di Chimica "Giacomo Ciamician"  
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### Personal data

- *Date of Birth*: 10-07-1973.
- *Place of Birth*: Faenza (RA), Italy
- *Nationality*: Italian
- *Marital Status*: Married with one daughter (Beatrice) and one son (Giovanni).

### Education:

- **1997**: B.Sc. in Chemistry (*cum laude*), Department of Chemistry "G. Ciamician", Alma Mater Studiorum - University of Bologna, Italy. "Synthesis of new bis-oxazoline ligands and their use in asymmetric C-C bond forming reactions"; Advisor: **Prof. Pier Giorgio Cozzi** and **Prof. Achille Umani-Ronchi**.
- **2001**: Ph.D. in Chemistry: Department of Chemistry "G. Ciamician", Alma Mater Studiorum - University of Bologna, Italy. "Asymmetric reactions promoted by chiral catalysts", Advisor: **Prof. Achille Umani-Ronchi**.
- **2001-2010**: **Assistant Professor** of Chemistry: Department of Chemistry "G. Ciamician", Alma Mater Studiorum - University of Bologna, Italy.
- **2010**: Habilitation for **Associate Professor** of chemistry (University of Milan, Italy).
- **2011**: to the present: **Associate Professor** of Organic Chemistry at the Alma Mater Studiorum - University of Bologna, Italy.
- **2019**: **Full Professors** Organic Chemistry @ Alma Mater Studiorum - University of Bologna, Italy.

### National and International Research Experiences

- **1997/98** Research Fellow: Recordati spa (Milan, Italy), "Synthesis of AZT-derivatives with anticancer activity" (6 months);
- **1998** Visiting Researcher: Department of Chemistry, University of North Carolina at Chapel Hill, North Carolina, USA, (**Prof. Michael R. Gagné**, 5 months);
- **2004** Visiting Researcher: Department of Chemistry, Center of Clean Technology, University of York, UK, **Dr. Duncan Macquarrie/Prof. James Clark** (selected for the Marco Polo Fellowship University of Bologna, 5 months);
- **2009** Visiting Scientist: College of Chemistry Central China Normal University, Wuhan (China).
- **2011** Visiting Scientist: College of Chemistry Central China Normal University, Wuhan (China).

**Prizes, Awards and main Fundings**

- **1998** Recordati spa (Milan) Fellow.
- **2002** Co.Gi.C.O. 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 "40<sup>th</sup> EUCHEM Conference of Stereochemistry ("Bürgenstock-Conference").
- **2009** *Visiting Fellow*, National Science Foundation of China (PRC).
- **2010** National Coordinator Project Future in Research (550.000 €).
- **2012** *Visiting Fellow*, National Science Foundation of China (PRC).
- **2014**: *Visiting Fellow*, National Science Foundation of China (PRC).
- **2016** *Visiting Fellow*, University of Normandy (France).
- **2018** *Visiting Fellow*, National Science Foundation of China (PRC).
- **2019** National Coordinator Project PRIN (350.000 €).
- **2019** JSPS fellowship for Research in Japan

**Memberships:**

- American Chemical Society (2005 to present)
- Italian Chemical Society (1999 to present)
- Heterocyclic Chemistry (2006-2007)
- Royal Society of Chemistry (2016-2018)

**Editorial board:**

- Letters in Organic Chemistry (Bentham Science Publishers, **2008** on).
- Organic Chemistry Frontiers (Royal Society of Chemistry, **2015** on).
- SynOpen (Thieme, **2018** on).

**Associate Editor in Chief:**

- Chinese Journal of Chemistry (**2018** on Wiley-VCH)

**Research interests:**

The research interests of the team lie on: 1) the development on metal and metal-free catalytic systems in asymmetric synthesis; 2) design, synthesis and characterization of chiral Ir-based triplet emitters; 3) Synthesis and biological activity assessment of anti-cancer metal-complexes based on gold.

**Reviewing:**

MB served as a referee for the following journals: *Nat. Chem.*, *JACS*; *Angew. Chem. Int. Ed.*; *Chem. Sci.*; *Chem. Commun.*

MB in the 2014 was among the top 5% of reviewers for *Angewandte Chemie* in terms of number of reports completed.

**Conference/symposium organization:**

**2009. Book Guest Editor:** *Catalytic Asymmetric Friedel-Crafts Alkylations* (Eds: **M. Bandini** & A. Umani-Ronchi), Wiley-VCH, Weinheim, 2009 (ISBN: 9783527323807). [\[link\]](#)

Review in *Book News Inc.*, February **2011**.

**2012. Chairman** of the Workshop on “*Push the Envelope*” in C-H activation methodologies ... and beyond. Bologna, Italy (90 attendees).

**2015. Member of the Organizing committee** (National Congress of the Italian Chemical Society, Organic Chemistry Division), Bologna (360 attendees).

**2016. Book Guest Editor:** *Gold Catalyzed Synthesis of Heterocyclic*, Topics in Heterocyclic Chemistry, Springer, in press.

**2016. Chairman** of the Sigma-Aldrich Lecture to Prof. Alois Furstner (Bologna) **2016** (120 attendees).

**2016. Book Guest Editor:** Special *EurJOC*-Cluster issue on Honor of Prof. Achille Umani-Ronchi.

**2015-2017:** Committee member of the *International Summer School on Organic Synthesis "A. Corbella"*.

**2018.** Member of the panel of the Fundação para a Ciência e a Tecnologia – FCT (Portugal).

**2019.** Chairman of the IV-CISOC, China-Italy bilateral Symposium of Organic Chemistry (Bologna) (90 attendees).

**2019.** One-day Symposium “Catalysis in Organic Synthesis: New Perspectives” (Bologna, 250 attendees).

**2020.** Member of the panel of the Fundação para a Ciência e a Tecnologia – FCT (Portugal).

**Brief track record (1999-Feb 2021):**

- Research articles and reviews (132). Among them: *Angewandte Chemie* (13), *JACS* (2), *ChemSci* (1), *ChemCommun* (12)
- Chapters/Books (14)
- Patents (2)

**Citation report (*Journals Citation Reports*<sup>SM</sup>, Oct-2020):**

h-index: 50

Sum of the Times Cited: 8750

Average Citations/Items: 63.89

Corresponding author in 96 papers