

## PERSONAL INFORMATION

## Giulio Bertuzzi



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 [Scopus Author ID: 57191487009](https://orcid.org/0000-0003-4090-8462)  [ORCID: https://orcid.org/0000-0003-4090-8462](https://orcid.org/0000-0003-4090-8462)

Date of birth 13/09/1991 | Nationality Italian

## WORK EXPERIENCE

01/02/2021 – present time

## RTD-A

Department of Chemistry "Giacomo Ciamician", Università di Bologna (Italy)

Supervisor: Prof. Marco Bandini

- The research activity involves organic electrocatalysis for the development of novel electrochemical redox methodologies in organic synthesis; the usage of CO<sub>2</sub> as a C-1 building block in metal-catalyzed stereoselective reactions; carbocatalysis with (functionalized) Graphene-Oxide; the development of advanced Ni-catalyzed cross-electrophile coupling reactions; the development of new Au(I) and Au(III) complexes for homogenous catalysis.

01/11/2019 – 31/01/2021

## Post-Doc

Department of Chemistry, Aarhus University (DK)

Supervisor: Prof. Karl Anker Jørgensen

- The research activity involved the application of novel organocatalytic methodologies for the synthesis of enantioenriched complex molecular architectures through higher-order cycloadditions, with a focus on mechanistic investigations through kinetic experiments and DFT calculations.

01/11/2018 – 01/11/2019

## Post-Doc

Department of Industrial Chemistry "Toso Montanari", Università di Bologna (Italy)

Supervisor: Prof. Mariafrancesca Fochi; Co-supervisor: Prof. Luca Bernardi

- The research activity involved the development of enantioselective organocatalytic processes aimed at the preparation of asymmetric *N*-heterocycles with multiple stereocenters or stereogenic axes.

## EDUCATION AND TRAINING

01/11/2015 – 30/10/2018

## PhD in Chemistry

Department of Industrial Chemistry "Toso Montanari", Università di Bologna (Italy)

Settore Disciplinare Chimica Organica (Organic Chemistry) CHIM/06, XXXI ciclo

Supervisor: Prof. Mariafrancesca Fochi; Co-supervisor: Prof. Luca Bernardi

Date of PhD Degree: 04/04/2019

Thesis: "Novel Asymmetric Organocatalytic Transformations: Development, Optimization and Applications". Winner of the "CINMPIS Award for the Best PhD Thesis" 2019, Torino.

The research activity has been carried out at the "Toso Montanari" Department of Chemistry in Bologna and partly at the Organic Chemistry Department of Aarhus University under the supervision of Prof. Karl Anker Jørgensen.

- Main research interests: application of organocatalytic stereoselective methodologies for: dearomatization of pyridines, regioselective functionalization of indole derivatives and development of peri-selective higher-order cycloadditions of indene and pyrrole derivatives.

25/10/2013 – 31/07/2015

**Master Degree in Industrial Chemistry**

Department of Industrial Chemistry "Toso Montanari", Università di Bologna (Italy)

Grade: 110/110 *cum laude*

Degree Thesis: "Synthesis and functionalization of a lactam-pyrazole molecular scaffold as a promising anticancer compound"

Supervisor: Prof. Mauro Comes Franchini. Co-supervisor: Dott. Erica Locatelli

01/09/2010 – 24/10/2013

**Bachelor Degree in Industrial Chemistry**

Department of Industrial Chemistry "Toso Montanari", Università di Bologna (Italy)

Grade: 110/110 *cum laude*Degree Thesis: "1,3-Dipolar Cycloadditions of Nitrile Imines with  $\alpha,\beta$ -Unsaturated  $\delta$ -Lactams: Synthesis of Bicyclic Pyrazoles"

Supervisor: Prof. Mauro Comes Franchini. Co-supervisor: Dott. Erica Locatelli

## PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	Replace with name of language certificate. Enter level if known.				
German	A1	A2	A1	A2	A2
	Replace with name of language certificate. Enter level if known.				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

## Job-related skills

- Knowledge of experimental technologies and computational techniques for the study of the relationship between structure and reactivity in organic compounds.
- Knowledge of the most recent methodologies employed in organic synthesis and total synthesis of natural compounds.
- Knowledge of the most recent applications of metallic catalysis and organocatalysis for the synthesis of enantioenriched organic molecules.
- Excellent skills in bibliographic research to plan and to carry out the synthesis of organic and organometallic molecules.
- Proficient in the laboratory techniques for the preparation and purification of organic compounds, including the safe treatment of highly reactive or harmful substances.
- Expertise in the use of NMR spectroscopy (1D and 2D) for the characterization and the structural assignment of organic molecules showing various degrees of complexity.
- Knowledge and application of other instrumental techniques to support synthetic activities such as: high performance liquid chromatography (HPLC), IR spectroscopy, optical polarimetry, MS spectrometry and Cyclovoltammetric analysis.

## Digital skills

- Knowledge of the Microsoft Office programs and the following software: MestRe Nova, ChemOffice, Scopus, Reaxys, and SCI-Finder.
- Basical knowledge of *Gaussian '09* molecular modeling software to carry DFT calculations.

## ADDITIONAL INFORMATION

## Bibliometric Parameters

Co-author of **35 papers published on peer-review journals** (14 as **first** author and **16** as **corresponding** author) starting from 2016.

-Total number of citations (Scopus, 19/01/2024) = 620 (by 450 documents). H-INDEX = 14.

-Average citations number per paper: 17.7

-Total Impact Factor: 224.8; Average Impact Factor per paper: 6.8

**-National Habilitation for Associated Professorship** achieved in June 2023.

## List of Publications

- R. Giovanelli, L. Lombardi, R. Pedrazzani, M. Monari, M. Castiñeira Reis, C. Silva Lòpez\*, **G. Bertuzzi\***, M. Bandini\*, "Nickel Catalyzed Carbonylation/Carboxylation Sequence via Double CO<sub>2</sub> Incorporation" *Org. Lett.* **2023**, 25, 6969-6974. <https://doi.org/10.1021/acs.orglett.3c02394>. Highlighted in *Synfacts*, **2023**, 12, 1214. Selected for the Front Cover of Volume 25, Issue 38 of *Org. Lett.* [IF: 5.2, Citations: 0].
- N. I. Jessen, J. A. Izzo, M. S. Modlinski, G. Bertuzzi, K. A. Jørgensen, "On the Number of  $\pi$ -Electrons Involved in Stepwise Cycloaddition Reactions" *Chem. Eur. J.* **2023**, e202303299. <https://doi.org/10.1002/chem.202303299>. [IF: 4.3, Citations: 0].
- R. Giovanelli, **G. Bertuzzi\***, M. Bandini\*, "Metal-Catalyzed Carbonylation Reactions with CO<sub>2</sub>: An Update" *ChemCatChem*, **2023**, e202300827. <https://doi.org/10.1002/cctc.202300827>. [IF: 4.5; Citations: 1].
- A. Pintus, S. Mantovani, A. Kovtun, G. Bertuzzi, M. Melucci\*, M. Bandini\*, "Recyclable GO-Arginine Hybrids for CO<sub>2</sub> Fixation into Cyclic Carbonates" *Chem. Eur. J.* **2023**, 29, e202202440. <https://doi.org/10.1002/chem.202202440>. [IF: 4.3, Citations: 3].
- S. Mantovani, A. Pintus, A. Kovtun, **G. Bertuzzi\***, M. Melucci\*, M. Bandini\*, "Synthesis of Indenes via Graphene Oxide Mediated Manipulation of Morita-Baylis-Hillman Alcohols" *Eur. J. Org. Chem.* **2023**, 26, e202300641. <https://doi.org/10.1002/ejoc.202300641>. [IF: 2.8, Citations: 0].
- A. Brunetti, A. Pintus, L. Lombardi, A. Kovtun, F. Mascietti, F. Bruno, E. Ravera, M. Melucci, **G. Bertuzzi\***, M. Bandini\*, "Graphene-Oxide Mediated Chemodivergent Ring-Opening of Cyclobutanols" *Chin. J. Chem.* **2023**, 41, 1333-1340. <https://doi.org/10.1002/cjoc.202200757>. [IF: 5.4, Citations: 1].
- L. Rapisarda, A. Fermi\*, P. Ceroni, R. Giovanelli, **G. Bertuzzi\***, M. Bandini\*, "Electrochemical C(sp<sup>3</sup>)-H Functionalization of Ethers via Hydrogen-Atom Transfer by means of Cathodic Reduction" *Chem. Commun.* **2023**, 59, 2664-2667. <https://doi.org/10.1039/D2CC06999G>. [IF: 4.9, Citations: 4].
- A. Brunetti, **G. Bertuzzi\***, M. Bandini\*, "Catalyst- and Additive-Free Electrochemical CO<sub>2</sub> Fixation into Morita-Baylis-Hillman Acetates" *Synthesis* **2023**, 55, 3047-3055. DOI: [10.1055/a-2029-0488](https://doi.org/10.1055/a-2029-0488). [IF: 2.6, Citations: 5].
- L. Lombardi, A. Kovtun, S. Mantovani, G. Bertuzzi, L. Favaretto, C. Bettini, V. Palermo, M. Melucci\*, M. Bandini\*, "Visible-Light Assisted Covalent Surface Functionalization of Reduced Graphene Oxide Nanosheets with Arylazo Sulfones" *Chem. Eur. J.* **2022**, 28, e202200333. <https://doi.org/10.1002/chem.202200333>. [IF: 4.3, Citations: 11].
- **G. Bertuzzi\***, G. Ombrosi, M. Bandini\*, "Regio- and Stereoselective Electrochemical Alkylation of Morita-Baylis-Hillman Adducts" *Org. Lett.* **2022**, 24, 4354-4359. <https://doi.org/10.1021/acs.orglett.2c01529>. [IF: 5.2, Citations: 8].
- L. Lombardi, A. Cerveri, R. Giovanelli, M. Castiñeira Reis, C. Silva Lòpez\*, **G. Bertuzzi\***, M. Bandini\*, "Direct Synthesis of  $\alpha$ -Aryl- $\alpha$ -Trifluoromethyl Alcohols via Nickel Catalyzed Cross-Electrophile Coupling" *Angew. Chem. Int. Ed.* **2022**, 61, e202211732. <https://doi.org/10.1002/anie.202211732>. [IF: 16.6, Citations: 6].
- R. Pedrazzani, E. Pinosa, G. Bertuzzi, M. Monari, S. Lauzon, T. Ollevier\*, M. Bandini\*, "Convenient Synthesis of Tricyclic N(1)-C(2)-fused Oxazino-Indolones via [Au(I)] Catalyzed Hydrocarboxylation of Allenes" *Chem. Commun.* **2022**, 58, 8698-8701. <https://doi.org/10.1039/D2CC02303B>. [IF: 4.9, Citations: 3].

- L. Lombardi, A. Cerveri, L. Ceccon, R. Pedrazzani, M. Monari, **G. Bertuzzi\***, M. Bandini\*, "Merging C-C  $\sigma$ -Bond Activation of Cyclobutanones with CO<sub>2</sub> Fixation via Ni-Catalysis" *Chem. Commun.* **2022**, 58, 4071-4074. <https://doi.org/10.1039/D2CC00149G>. [IF: 4.9, Citations: 11].
- S. Battaglioli, G. Bertuzzi, R. Pedrazzani, J. Benetti, G. Valenti, M. Montalti, M. Monari, M. Bandini\*, "Visible-Light-Assisted Synthesis of Allylic Triflamides via Dual Acridinium/Co Catalysis" *Adv. Synth. Catal.* **2022**, 364, 720-725. <https://doi.org/10.1002/adsc.202101329>. [IF: 5.4, Citations: 4].
- L. Lombardi, R. Mazzaro, M. Gazzano, A. Kovtun, V. Morandi, G. Bertuzzi, M. Bandini\*, "NiNP@rGO Nanocomposites as Heterogeneous Catalysts for Thiocarboxylation Cross-Coupling Reactions" *Synthesis*, **2022**, 54, 1633-1642. DOI: [10.1055/a-1669-0944](https://doi.org/10.1055/a-1669-0944). [IF: 2.6, Citations: 4].
- **G. Bertuzzi**, V. Corti, J. A. Izzo, S. Ričko, N. I. Jessen, K. A. Jørgensen\*, "Organocatalytic Enantioselective Construction of Conformationally Stable C(sp<sup>2</sup>)-C(sp<sup>3</sup>) Atropisomers" *J. Am. Chem. Soc.* **2022**, 144, 1056-1065. <https://doi.org/10.1021/jacs.1c12619>. [IF: 15.0, Citations: 14].
- **G. Bertuzzi\***, A. Cerveri, L. Lombardi, M. Bandini\* "Tandem Functionalization-Carboxylation Reactions of  $\pi$ -Systems with CO<sub>2</sub>" *Chin. J. Chem.* **2021**, 39, 3116-3126. <https://doi.org/10.1002/cjoc.202100450>. [IF: 4.3, Citations: 16].
- N. I. Jessen, M. Bura, G. Bertuzzi, K. A. Jørgensen\* "Aminocatalytic [8+2] Cycloaddition Reactions toward Chiral Cyclazines" *Angew. Chem. Int. Ed.* **2021** 60, 18527-18531. Highlighted in *Synfacts*, **2021**, 17, 1141. <https://doi.org/10.1002/anie.202106287>. [IF: 16.6, Citations: 10].
- N. I. Jessen, G. Bertuzzi, M. Bura, M. L. Skipper, K. A. Jørgensen\* "Enantioselective Construction of the Cycl[3.2.2]azine Core via Organocatalytic [12+2] Cycloadditions" *J. Am. Chem. Soc.* **2021** 143, 6140-6151. <https://doi.org/10.1021/jacs.1c00499>. [IF: 15.0, Citations: 20].
- **G. Bertuzzi**, D. McLeod, L.-M. Mohr, K. A. Jørgensen\*, "Organocatalytic Enantioselective 1,3-dipolar [6+4] Cycloadditions of Tropone" *Chem. Eur. J.* **2020**, 26, 15491-15496. Highlighted in *Synfacts*, **2021**, 17, 376. <https://doi.org/10.1002/chem.202003329>. [IF: 4.3, Citations: 15].
- V. Corti\*, **G. Bertuzzi\***, "Organocatalytic Asymmetric Methodologies towards the Synthesis of Atropisomeric N-Heterocycles" *Synthesis* **2020**, 52, 2450-2468. DOI: [10.1055/s-0040-1707814](https://doi.org/10.1055/s-0040-1707814). [IF: 2.6, Citations: 37].
- **G. Bertuzzi\***, F. Silvestrini, P. Moimare, D. Pecorari, A. Mazzanti, L. Bernardi\*, M. Fochi\*, "Chemodivergent Preparation of Various Heterocycles via Phase Transfer Catalysis: Enantioselective Synthesis of Functionalized Piperidines" *Adv. Synth. Catal.* **2020**, 362, 1167-1175. <https://doi.org/10.1002/adsc.201901500>. [IF: 5.4, Citations: 9].
- G. D. Bisag, D. Pecorari, A. Mazzanti, L. Bernardi, M. Fochi, G. Bencivenni, **G. Bertuzzi\***, V. Corti\*, "A Central-to-Axial Chirality Conversion Approach Designed on Organocatalytic Enantioselective Povarov Cycloadditions: First Access to Configurationally Stable Indole-Quinoline Based Atropisomers" *Chem. Eur. J.* **2019**, 25, 15694-15701. <https://doi.org/10.1002/chem.201904213>. [IF: 4.3, Citations: 55].
- **G. Bertuzzi**, M. K. Thøgersen, M. Giardinetti, A. Vidal Albalat, A. Simon, K. N. Houk\*, K. A. Jørgensen\*, "Catalytic Enantioselective Hetero-[6+4] and -[6+2] Cycloadditions for the Construction of Condensed Polycyclic Pyrroles, Imidazoles, and Pyrazoles" *J. Am. Chem. Soc.* **2019**, 141, 3288-3297. Highlighted in *Synfacts*, **2019**, 15, 547. <https://doi.org/10.1021/jacs.8b13659>. [IF: 15.0, Citations: 48].

- **G. Bertuzzi\***, L. Bernardi\*, M. Fochi\*, “Nucleophilic Dearomatizations of Activated Pyridines” *Catalysts* **2018**, 8, 632. <https://doi.org/10.3390/catal8120632>. [IF: 3.9, Citations: 76].
- B. S. Donslund, N. I. Jessen, G. Bertuzzi, M. Giardinetti, T. A. Palazzo, M. L. Christensen, K. A. Jørgensen\*, “Catalytic Enantioselective [10+4]-Cycloadditions” *Angew. Chem. Int. Ed.* **2018**, 57, 13182-13186. <https://doi.org/10.1002/anie.201807830>. [IF: 16.6, Citations: 39].
- **G. Bertuzzi**, S. Crotti, P. Calandro, B. F. Bonini, I. Monaco, E. Locatelli, M. Fochi, P. Zani, E. Strocchi, A. Mazzanti, M. Chiariello, M. Comes Franchini\*, “Quinone-fused pyrazoles through 1,3-dipolar cycloadditions: synthesis of tricyclic scaffolds and in vitro cytotoxic activity evaluation on glioblastoma cancer cells” *ChemMedChem*, **2018**, 13, 1744-1750. <https://doi.org/10.1002/cmdc.201800251>. [IF: 3.4, Citations: 14].
- **G. Bertuzzi**, D. Pecorari, L. Bernardi\*, M. Fochi\* “An Organocatalytic Enantioselective Direct  $\alpha$ -Heteroarylation of Aldehydes with Isoquinoline *N*-Oxides” *Chem. Commun.* **2018**, 54, 3977-3980. <https://doi.org/10.1039/C8CC01735B>. [IF: 4.9, Citations: 12].
- **G. Bertuzzi**, L. Lenti, G. D. Bisag, M. Fochi, M. Petrini\*, L. Bernardi\* “ $\gamma$ -Regioselective Functionalization of 3-Alkenylindoles via 1,6-Addition to Extended Alkylideneindolenine Intermediates”, *Adv. Synth. Catal.* **2018**, 360, 1296-1302. <https://doi.org/10.1002/adsc.201701558>. [IF: 5.4, Citations: 8].
- D. Stevanovic, G. Bertuzzi, A. Mazzanti, M. Fochi, L. Bernardi\*, “Catalytic Enantioselective Povarov Reactions of Ferrocenecarbaldehyde-derived imines – Brønsted Acid catalysis at Parts-Per-Million Level Loading”, *Adv. Synth. Catal.* **2018**, 360, 893-900. <https://doi.org/10.1002/adsc.201701484>. [IF: 5.4, Citations: 24].
- **G. Bertuzzi**, A. Sinisi, D. Pecorari, L. Caruana, A. Mazzanti, L. Bernardi\*, M. Fochi\*, “Nucleophilic Dearomatization of Pyridines under Enamine Catalysis: Regio-, Diastereo-, and Enantioselective Addition of Aldehydes to Activated *N*-Alkylpyridinium Salts” *Org. Lett.* **2017**, 19, 834-837. <https://doi.org/10.1021/acs.orglett.6b03824>. [IF: 5.2, Citations: 48].
- **G. Bertuzzi**, M. Fochi, M. Comes Franchini\*, “Regiocontrolled 1,3-Dipolar Cycloadditions of Nitrile Imines with Acetylenes and  $\alpha,\beta$ -Unsaturated Systems: Synthesis of Polysubstituted and Ring-Fused Pyrazoles with Pharmaceutical Activity”, *Targets in Heterocyclic Systems* **2016**, 20, 337-364. DOI: [10.17374/targets.2017.20.337](https://doi.org/10.17374/targets.2017.20.337). [Citations: 4].
- **G. Bertuzzi**, A. Sinisi, L. Caruana\*, A. Mazzanti, M. Fochi\*, L. Bernardi\*, “Catalytic Enantioselective Addition of Indoles to Activated *N*-Benzylpyridinium Salts: Nucleophilic Dearomatization of Pyridines with Unusual C-4 Regioselectivity”, *ACS Catal.* **2016**, 6, 6473-6477. Highlighted in *Synfacts*, **2016**, 12, 1200. <https://doi.org/10.1021/acscatal.6b01962>. [IF: 12.9, Citations: 70].
- **G. Bertuzzi**, E. Locatelli, P. Calandro, B. F. Bonini, J. Z. Chandanshive, A. Mazzanti, P. Zani, M. Chiariello, M. Comes Franchini\*, “Straightforward Synthesis of a Novel Ring-Fused Pyrazole Lactam and In Vitro Cytotoxic Activity on Cancer Cell Lines”, *Eur. J. Med. Chem.* **2016**, 117, 1-7. <https://doi.org/10.1016/j.ejmech.2016.04.006>. [IF: 6.7, Citations: 22].

**Experiences Abroad** Aarhus (Denmark), November 2019 – February 2021. Post-Doc in the group of prof. K. A. Jørgensen (15 months).

Aarhus (Denmark), November 2017 – July 2018. Visiting Ph-D student in the group of prof. K. A. Jørgensen (9 months).

Los Angeles (USA), August 2018. Visitor in the group of K. N. Houk as the result of a collaboration with prof. K. A. Jørgensen.

- Prizes and Awards**
- Award: “CINMPIS Award for the Best PhD Thesis” 2019, Torino.
  - Award: scholarship for XVIII Ischia Advanced School of Organic Chemistry (2019).
  - Award: “Marco Polo” – UNIBO 2017, Bologna.
  - Award: scholarship for XLI International Summer School on Organic Synthesis “A. Corbella” (2016).
- Research Interests**
- Electrosynthetic methodologies for the development of redox protocols promoted by “green electrons”;
  - Usage of CO<sub>2</sub> as a green and sustainable C-1 building block in metal-catalyzed stereoselective carboxylation reactions;
  - Development of carbocatalysis with (functionalized) Graphene-Oxide as innovative heterogeneous catalyst;
  - Application of organocatalytic strategies such as: phase transfer catalysis (PTC), hydrogen-bonding catalysis, chiral phosphoric acid (CPA) catalysis and aminocatalysis for the discovery of novel processes in organic synthesis;
  - Mechanistic investigations on the origins of the chemo- regio- and stereoselectivities in organic processes *via* DFT calculations and kinetic studies.
- Teaching Activities**
- Academic year 2022-2023: Professor for the class of **Laboratory of Chemistry and Organic Chemistry** of the Bachelor Degree of Biotechnologies, *University of Bologna*.
  - Academic year 2021-2022: Professor for the class of **Laboratory of Chemistry and Organic Chemistry** of the Bachelor Degree of Biotechnologies, *University of Bologna*.
  - Academic year 2020-2021: Professor for the class of **Laboratory of Chemistry and Organic Chemistry** of the Bachelor Degree of Biotechnologies, *University of Bologna*.
  - Academic Years 2021-2022 and 2022-2023: teaching for PhD program in Chemistry (University of Bologna, 6 hours);
  - Academic Year 2019: Tutor for the class of **Organic Chemistry I** of the Bachelor Degree of Industrial Chemistry at the Department of Industrial Chemistry, “Toso Montanari”, *University of Bologna* (5 months).
  - Academic Year 2017: Tutor for the class of **Organic Chemistry I** of the Bachelor Degree of Industrial Chemistry at the Department of Industrial Chemistry, “Toso Montanari”, *University of Bologna* (5 months).
  - Academic Year 2017: Tutor for the class of **Organic Chemistry II** of the Bachelor Degree of Industrial Chemistry at the Department of Industrial Chemistry, “Toso Montanari”, *University of Bologna*. (5 months).
  - Academic Year 2016: Tutor for the class of **Organic Chemistry I** of the Bachelor Degree of Industrial Chemistry at the Department of Industrial Chemistry, “Toso Montanari”, *University of Bologna*. (5 months).
  - Supervisor of 5 Master Theses and **1 International Project Student Theses** (co-supervisor prof. M. Bandini). Co-supervisor of 4 Bachelor Theses, 6 Master Theses and **2 International Project Student Theses** (supervisors: prof. M. Fochi, prof. L. Bernardi and prof. M. Comes Franchini). *University of Bologna*.
  - Academic Year 2020-2021 – present time: Board member of the committee for the PhD defense, PhD program in Chemistry (University of Bologna).
  - Academic Year 2020-2021 – present time: Board member of the committee for Master Thesis defense in Chemistry, Department of Chemistry “Giacomo Ciamician” (University of Bologna)



- Institutional Activities**
- *December 2022-present time:* Member of the “Giunta di Dipartimento”, Department of Chemistry “Giacomo Ciamician”, *University of Bologna*.
- Oral Communications at Conferences**
- G. Bertuzzi, M. Bandini, “Electroreductive Selective Manipulation of Electron-Deficient Olefins” (Oral Communication), **XLI Convegno della Divisione della Chimica Organica – CDCO 2023**, Roma (Italy), 10 – 14 September 2023.
  - G. Bertuzzi, M. Bandini, “Regio- and Stereoselective Electrochemical Alkylations of Morita-Baylis-Hillman Adducts” (Oral Communication), **CINMPIS Scientific Days 2023**, Pisa (Italy), 9 – 11 February 2023
  - G. Bertuzzi, M. Bandini, “Regio- and Stereoselective Electrochemical Alkylations of Morita-Baylis-Hillman Adducts” (Oral Communication), **XIX Ischia Advanced School of Organic Chemistry IASOC 2022**, Ischia (NA, Italy), 23 – 26 September 2022.
  - G. Bertuzzi, M. Bandini, “Novel Visible-Light Mediated Protocols for the Synthesis of N Heterocycles and Site-Selective Functionalizations” (Flash Communication), **XXVII Convegno della Divisione della Chimica Organica – CDCO 2021**, Telematic Conference, 14 – 23 September 2021.
  - G. Bertuzzi, L. Bernardi, M. Fochi, “When Stereoselective Synthesis Meets Aromaticity: Nucleophilic Dearomatizations and Central-to-axial Chirality Conversion Strategies” (Keynote Lecture), **XIX CINMPIS Scientific Days**, Pavia (Italy), 20 – 21 February 2020
  - G. Bertuzzi, K. A. Jørgensen, “Organocatalytic Higher Order Cycloadditions: from a Stereoselective Rediscovery to a Computational Fascination” (Flash Communication), **XVIII CINMPIS Scientific Days**, Bologna (Italy), 18 – 19 February 2019.
  - G. Bertuzzi, A. Sinisi, L. Caruana, A. Mazzanti, M. Fochi, L. Bernardi, “Activation of *N*-Benzyl Pyridinium Salts by Lewis Bases: Catalytic Enantioselective Nucleophilic Dearomatization of Pyridines with Unusual C-4 Regioselectivity” (Flash Communication, winner of the best flash communication award), **XXXVII Convegno della Divisione della Chimica Organica – CDCO 2016**, Venezia Mestre (Italy), 18 – 22 September 2016.
- Poster Communications at Conferences**
- G. Bertuzzi, K. A. Jørgensen, “Organocatalytic Enantioselective Higher Order Cycloadditions”, **XXXIX Convegno della Divisione della Chimica Organica – CDCO 2019**, Torino (Italy), 8 – 12 September 2019; and **IV-China-Italy-Symposium-Organic-Chemistry – CISOC 2019**, Bologna (Italy), 16 – 17 April 2019,
  - G. Bertuzzi, D. Pecorari, M. Fochi, L. Bernardi, “Organocatalytic Enantioselective  $\alpha$ -Heteroarylation of Aldehydes with Isoquinoline *N*-Oxides”, **XXII IUPAC International Conference on Organic Synthesis**, Firenze (Italy), 16 – 21 September 2018 and **XVIII Ischia Advanced School of Organic Chemistry IASOC 2018**, Napoli (Italy), 22 – 26 September 2018.
  - G. Bertuzzi, M. Fochi, L. Bernardi, “Organocatalytic Nucleophilic Dearomatization of Pyridines Under Enamine Catalysis: Highly Regio-, Diastereo- and Enantioselective Addition of Aldehydes to Activated *N*-Alkyl Pyridinium Salts”, **XVIII Tetrahedron Symposium**, Budapest (Hungary), 27 – 30 June 2017 and **XVI Giornata della Chimica dell’Emilia Romagna**, Ferrara (Italy), 19 December 2016,
  - G. Bertuzzi, A. Sinisi, L. Caruana, A. Mazzanti, M. Fochi, L. Bernardi, “Activation of *N*-Benzyl Pyridinium Salts by Lewis Bases: Catalytic Enantioselective Nucleophilic Dearomatization of Pyridines with Unusual C-4 Regioselectivity” (*winner of the best poster award*), **XLI International Summer School on Organic Synthesis “A. Corbella” ISOS 2016**, Gargnano (BS Italy), 12 – 17 June 2016.

## Organization of Conferences

- Member of the Organizing Committee of the **C3 Day-2023** Bologna (Italy), 05 June 2023.

## Funded Projects and Grants

- Local coordinator of **PRIN-2022 Project Financing**, project title: Nickel-catalyzed Carboxylations Enabled by the Calixarene Scaffold"; acronym: "Ni\_CO2\_CALIX" (20227Z3BL8). In collaboration with Prof. Gianpiero Cera, UniPr (National PI) and Dr. Valentina Pirovano, UniMI (Local PI);
- Collaborator at the Research Project ECOSISTER (ECS00000033 – CUP J33C22001240001), PNRR, Mission 4, Spoke 2.

Consapevole che chiunque rilascia dichiarazioni mendaci è punito ai sensi del codice penale e delle leggi speciali in materia, ai sensi degli effetti dell'art. 46 DPR 445/2000, dichiaro di essere in possesso di ogni titolo sopra riportato.

Autorizzo il trattamento dei miei dati personali per le esigenze della DGCS secondo la legge sulla privacy (DL 196/03).

Bologna, 22/12/20223

In fede, Giulio Bertuzzi

