

ALLEGATO B**UNIVERSITÀ DEGLI STUDI DI MILANO**

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Giorgio Facchetti

CURRICULUM VITAE

INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)

COGNOME	FACCHETTI
NOME	GIORGIO
DATA DI NASCITA	16/04/1980

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Post-doc Fellow	038-Catalizzatori ibridi per la catalisi omogenea	University of Milan	2016
PhD	Chemical Sciences	University of Milan	2014
Bachelor Degree	Pharmaceutical Chemistry and Technology	University of Milan	2011
Other	Certificate in ESOL	British Institute Milan	2015

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
2018-present	Member of "Gruppo Italiano Staminali Mesenchimali" (GISM)	Milan
2011-present	Member of the "Società Chimica Italiana (SCI)", Inorganic Chemistry Division	Rome
2011-present	Member of "Gruppo Interdivisionale di Chimica Organometallica "(G.I.C.O.)	Rome

FOREIGN LANGUAGES

Languages	level of knowledge
English	Level C1- ESB Level 2 Certificate in ESOL, 2015 dated 05/30/2015 by British Institute, Milan

ABROAD EXPERIENCES

Year	Description
July, 2020	Visiting researcher at University of Strasbourg, Laboratory of Supramolecular Biomaterials and Chemistry, Professor L. De Cola. Synthesis and Characterization of luminescent complexes for bioimaging

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2015	Post-doctoral research fellowship F.lli Confalonieri- Project Title: Imidazole-based platinum(II) complexes: synthesis, characterization and pharmacological evaluation on cisplatin-resistant cancer cell lines

TRAINING OR RESEARCH ACTIVITY

Description of activity	
<ul style="list-style-type: none"> Synthesis of hybrid catalysts ("artificial metallo-enzymes"), complexes in which the catalytic metal core is embedded within a host protein (biotin/strept(avidin) technology) or surrounded by biomolecules used as a source of chirality. Synthesis of transition metal complexes in which ligands are brief aminoacidic sequences mimicking the naturally occurring ones for the preparation of hybrid catalysts. These types of catalysts are applied to different asymmetric reactions involving pharmaceutical relevant substrates: ketones and imines reduction, Henry reaction, diethyl zinc addition. Synthesis and molecular characterization of new chiral ligands to use in the coordination chemistry of ruthenium, iridium and palladium to be applied in homogeneous catalysis for the production of biologically active molecules in enantiopure form. Synthesis and molecular characterization of platinum and ruthenium complexes based on imidazole or oxadiazole diamine ligands, 8-aminoquinolines as potential tools in anticancer therapy with a special focus on cisplatin resistant and/or STAT3 dependent cancer cell lines. 	

PROJECT ACTIVITY

Year	Project
2020-2016	Post-doc fellowship UNIMI: "Peptides muse ligands for transition-metal homogeneous catalysis"
2016-2015	F.lli Confalonieri post-doc fellowship: "Imidazole-based platinum(II) complexes: synthesis, characterization and pharmacological evaluation on cis-platin resistant cancer cell lines"
2013	Participant to the reserach porject PRIN 2010-2011 (20105YY2HL_007): "Natural and synthetic systems endowed with anticancer activities"

CONGRESSES AND SEMINARS

Date	Title	Place
September, 2-6 th 2020	International School of Chemistry: Chemistry for Everyday Life	Camerino, Italy (webinar edition)

May, 26 th 2020	New Trends and Future Directions in Catalysis, Cell Press, The Lancet & Societies Publishing on BrightTALK	Webinar edition
May, 26 th 2020	Cellule staminali/stromali mesenchimali: un trattamento possibile per danni polmonari indotti da covid-19, Italian Respiratory Network	Webinar edition
May, 14 th 2020	Techniques for Publishing in Transformative Ground-Breaking Journals, Cell Press, The Lancet & Societies Publishing on BrightTALK	Webinar edition
February, 20-21 st 2020	BIOMET20-XIX Workshop on PharmacoBioMetallics	Ancona, Italy
November, 25 th 2019	XXXIV New Trends in Organic Synthesis	Milan, Italy
September, 9-12 th 2019	XLVII Congress of Società Chimica Italiana (SCI), Inorganic Chemistry Division	Bari, Italy
August, 9-11 th 2019	ArtZyme 2.0	Basel, Switzerland
February, 22-23 rd 2019	BIOMET19-XVIII Workshop on PharmacoBioMetallics	Arezzo, Italy
July, 18-20 th 2018	XIII Conference of the Interdivisional Group of Organometallic Chemistry of The Italian Chemical Society (Co.G.I.C.O.2018)-ICOMC session	Florence, Italy
February, 16-17 th 2018	BIOMET18-XVII Workshop on PharmacoBioMetallics	Napoli, Italy
September, 5-8 th 2017	ISySyCat-International Symposium on Synthesis and Catalysis	Evora, Portugal
October, 28-29 th 2016	BIOMET16-XVI Workshop on PharmacoBioMetallics	Messina, Italy
September, 5-8 th 2016	11th Congress on Catalysis Applied to Fine Chemistry CAFC-11	Lyon, France
October, 23-24 th 2015	BIOMET15-XV Workshop on PharmacoBioMetallics	Bari, Italy
September, 2-4 th 2015	ISySyCat-International Symposium on Synthesis and Catalysis	Evora, Portugal
October, 24-25 th 2014	BIOMET14-XIV Workshop on PharmacoBioMetallics	Pisa, Italy
June, 24-27 th 2014	XI Conference of the Interdivisional Group of Organometallic Chemistry of The Italian Chemical Society (Co.G.I.C.O.2014)	Milan, Italy
April, 2 nd 2014	Biocatalysis: The Green Side of Chemistry	Milan, Italy

December, 2 nd 2013	XXVIII New Trends in Organic Synthesis	Milan, Italy
July, 7-12 th 2013	European School of Medicinal Chemistry- XXXIII Advanced Course of Medicinal Chemistry	Urbino, Italy
February, 28 th 2013	Incontro con l'Università, il CNR e l'Industria	Milan, Italy
November, 26 th 2012	XXVII New Trends in Organic Synthesis	Milan, Italy
June, 5-8 th 2012	X Conference of the Interdivisional Group of Organometallic Chemistry of The Italian Chemical Society (Co.G.I.C.O.2012)-	Padua, Italy

PUBLICATIONS

Books
“Eserciziario di Chimica” - Milan, EDISES, 2015

ARTICLES IN REVIEWS

G. Facchetti , M. Christodoulou, E. Binda, M. Fusè, I. Rimoldi, “Asymmetric Hydrogenation of 1-aryl substituted-3,4-Dihydroisoquinolines with Iridium Catalysts Bearing Different Phosphorus-Based Ligands” Catalysts, MDPI, 2020, 10(8), 914, 1-11
CA. Ghisalberti, E. Falletta, C. Lammi, G. Facchetti , R. Bucci, E. Erba, S. Pellegrino, “Nonabsorbable Iron(III) binding polymers: Synthesis and evaluation of the chelating properties”, Polymer testing, Elsevier, 2020, 90, 2020, Article number 106693
E. Corsini, G. Facchetti , S. Esposito, A. Maddalon, I. Rimoldi, M. Christodoulou, “Antiproliferative effects of chalcones on T cell acute lymphoblastic leukemia-derived cells: Role of PKC β ”, Archiv der Pharmazie, Wiley-VCH, 2020, 353(7), e2000062
A. Ionescu, R. Caligiuri, N. Godbert, L. Ricciardi, M. La Deda, M. Ghedini, N. Ferri, MG. Lupo, G. Facchetti , I. Rimoldi, I. Aiello, “Cytotoxic performances of new anionic cyclometalated Pt(II) complexes bearing chelated O^O ligands”, Applied Organometallic Chemistry, Wiley-VCH, 2020, 34(5), article number e5647
M. Christodoulou, F. Nicoletti, K. Mangano, MA. Chiacchio, G. Facchetti , I. Rimoldi, E. Beccalli, S. Giofrè, “Novel 3,3-disubstituted oxindole derivatives. Synthesis and evaluation of the anti-proliferative activity”, Bioorganic Medicinal Chemistry Letters, Elsevier, 2020, 30(2), article number 126845
G. Facchetti , S. Pellegrino, R. Bucci, D. Nava, R. Gandolfi, M. Christodoulou, I. Rimoldi, “Vancomycin-iridium (III) interaction: An unexplored route for enantioselective imine reduction”, Molecules, MDPI, 2019, 24(15), article number 2771
G. Facchetti , I. Rimoldi, “Anticancer platinum(II) complexes bearing N-heterocycle rings”, Bioorganic and Medicinal Chemistry Letters, Elsevier, 2019, 29 (11), 1257-1263
G. Facchetti , N. Ferri, MG. Lupo, G. Lucchini, I. Rimoldi, “Monofunctional Pt(II) Complexes Based on 8-Aminoquinoline: Synthesis and Pharmacological Characterization”, European Journal of Inorganic Chemistry, Wiley-VCH, 2019, 2019(19)
M. Fusè, G. Facchetti , I. Rimoldi, C. Castellano, “Synthesis and crystallographic structure of nickel(0) carbonyl complex with Bitianp, an atropoisomeric diphosphine”, European Journal of Chemistry, Atlanta Publishing House LLC, ISSN 2153-2249 (Print) / ISSN 2153-2257 (Online), 2019, 10(2), 171-174
I. Rimoldi, V. Coccè, G. Facchetti , G. Alessandri, AT. Brini, F. Sisto, E. Parati, L. Cavicchini, G. Lucchini, F. Petrella, E. Ciusani, A. Pessina, “Uptake-release by MSCs of a cationic platinum(II) complex active in vitro on human malignant cancer cell lines”, Biomedicine and Pharmacotherapy, Elsevier, 2018, 108, 111-118

F. Petrella, I. Rimoldi, G. Facchetti , L. Spaggiari, "Novel platinum agents and mesenchymal stromal cells for thoracic malignancies: state of the art and future perspectives", <i>Expert Opinion on Therapeutic Patents</i> , Taylor & Francis, 2018, 28 (11), pp. 813-821
G. Facchetti , R. Bucci, M. Fusè, I. Rimoldi, "Asymmetric Hydrogenation vs Transfer Hydrogenation in the Reduction of Cyclic Imines", <i>ChemistrySelect</i> , Wiley-VCH, 2018, 3 (31), 8797-8800
R. Gandolfi, G. Facchetti , M. Christodoulou, M. Fusè, F. Meneghetti, I. Rimoldi, "Cascade Reaction by Chemo- and Biocatalytic Approaches to Obtain Chiral Hydroxy Ketones and anti 1,3-Diols", <i>ChemistryOpen</i> , Wiley-VCH, 2018, 7 (5), 393-400
G. Facchetti , I. Rimoldi, "8-Amino-5,6,7,8-tetrahydroquinoline in iridium(III) biotinylated Cp* complex as artificial imine", <i>New Journal of Chemistry</i> , RSC, 2018, 42 (23), 18773-18776
M. Fusè, I. Rimoldi, G. Facchetti , S. Rampino, V. Barone, "Exploiting coordination geometry to selectively predict the σ -donor and π -acceptor abilities of ligands: A back-and-forth journey between electronic properties and spectroscopy", <i>Chemical Communications</i> , RSC, 2018, 54 (19), 2397-2400
S. Pellegrino, G. Facchetti , R. Gandolfi, M. Fusè, E. Erba, I. Rimoldi, "Ruthenium(II) complexes bearing (NNN) ligand: Catalytic evaluation of different solvent-mediated", <i>Canadian Journal of Chemistry</i> , NRC Research Press, 2018, 96 (1), pp. 40-43
G. Facchetti , F. Petrella, L. Spaggiari, I. Rimoldi, "Malignant Pleural Mesothelioma: State of the art and advanced cell therapy", <i>European Journal of Medicinal Chemistry</i> , Elsevier, 2017, 142, 266-270
I. Rimoldi, G. Facchetti , G. Lucchini, E. Castiglioni, S. Marchianò, N. Ferri, " <i>In vitro</i> anticancer activity evaluation of new cationic platinum(II) complexes based on imidazole", <i>Bioorganic and Medicinal Chemistry</i> , Elsevier, 2017, 25 (6), 1907-1913
A. Ionescu, N. Godbert, L. Ricciardi, M. La Deda., I. Aiello, M. Ghedini, I. Rimoldi, E. Cesarotti, G. Facchetti , G. Mazzeo, G. Longhi, S. Abbate, M. Fusè, "Luminescent water-soluble cycloplatinated complexes: Structural, photophysical, electrochemical and chiroptical properties", <i>Inorganica Chimica Acta</i> , Elsevier, 2017, 461, 267-274
F. Porta, G. Facchetti , N. Ferri, A. Gelain, F. Meneghetti, S. Villa, D. Barlocco, D. Masciocchi, A. Asai, N. Miyoshi, S. Marchianò, B.M. Kwon, Y. Jin, V. Gandin, C. Marzano, I. Rimoldi, "An in vivo active 1,2,5-oxadiazole Pt(II) complex: A promising anticancer agent endowed with STAT3 inhibitory properties", <i>European Journal of Medicinal Chemistry</i> , Elsevier, 2017, 131, 196-206
E. Gabriele, F. Porta, G. Facchetti , C. Galli, A. Gelain, F. Meneghetti, I. Rimoldi, S. Romeo, S. Villa, C. Ricci, N. Ferri, A. Asai, D. Barlocco, A. Sparatore, "Synthesis of new dithiolethione and methanethiosulfonate systems endowed with pharmaceutical Interest", <i>Arkivoc</i> , Arkat USA, 2016, 2017 (2), 235-250
S. Pellegrino, G. Facchetti , A. Contini, M.L. Gelmi, E. Erba, R. Gandolfi, I. Rimoldi, "Ctr-1 Mets7 motif inspiring new peptide ligands for Cu(I)-catalyzed asymmetric Henry reactions under green conditions", <i>RSC Advances</i> , RSC, 2016, 6 (75), 71529-71533
I. Rimoldi, G. Facchetti , D. Nava, M. L. Contente, R. Gandolfi, "Efficient methodology to produce duloxetine precursor using whole cells of <i>Rhodotorula rubra</i> ", <i>Tetrahedron: Asymmetry</i> , Elsevier, 2016, 27 (9-10), 389-396
M. Pellizzoni, G. Facchetti , R. Gandolfi, M. Fusè, A. Contini, I. Rimoldi, "Evaluation of chemical diversity of biotinylated chiral 1,3 diamines as a catalytic moiety in artificial imine reductase", <i>ChemCatChem</i> , Wiley-VCH, 2016, 8(9), 1665-1667
G. Facchetti , N. Ferri, C. Ricci, G. Curigliano, S. Pellegrino, E. Pini, I. Rimoldi, "Promising antiproliferative platinum(II) complexes based on imidazole moiety: evaluation in HCT-116 cancer cell line and in the interaction with the methionine-rich motif Mets7", <i>Bioorganic & Medicinal Chemistry</i> , Elsevier, 2015, 23, 2538-2547;
G. Facchetti , R. Gandolfi, D. Zerla, M. Fusè, E. Cesarotti, M. Pellizzoni, I. Rimoldi, "Simple 1,3 diamines and their application as ligands in ruthenium(II) catalysts for asymmetric transfer hydrogenation of aliphatic and aryl ketones", <i>New journal of Chemistry</i> , Royal Society of Chemistry, 2015, 39, 3792-3800

D. Zerla, I. Rimoldi, E. Cesarotti, G. Facchetti , M. Pellizzoni, M. Fusè, “Diastereoselectivity and catalytic activity in ruthenium complexes chiral at the metal centre”, <i>Journal of Organometallic Chemistry</i> , Elsevier, 2014, 771, 2-8
D. Zerla, G. Facchetti , M. Fusè, M. Pellizzoni, C. Castellano, E. Cesarotti, R. Gandolfi, I. Rimoldi, “8-Amino-5,6,7,8-tetrahydroquinolines as ligands in iridium(III) catalysts for the reduction of aryl ketones by asymmetric transfer hydrogenation (ATH)”, <i>Tetrahedron: Asymmetry</i> , Elsevier, 2014, 25, 1031-1037
N. Ferri, S. Cazzaniga, L. Mazzarella, G. Curigliano, G. Lucchini, D. Zerla, R. Gandolfi, G. Facchetti , M. Pellizzoni, I. Rimoldi, “Cytotoxic effect of (1-methyl-1H-imidazol-2-yl)-methanamine and its derivatives in Pt(II) complexes on human carcinoma cell lines: a comparative study with cisplatin”, <i>Bioorganic and Medicinal Chemistry</i> , Elsevier, 2013, 21, 2379-2386
I. Rimoldi, G. Facchetti , E. Cesarotti, M. Pellizzoni, M. Fusè, D. Zerla, “Enantioselective transfer hydrogenation of aryl ketones: synthesis and 2D-NMR characterization of new 8-amino-5,6,7,8-tetrahydroquinoline Ru(II)-complexes”, <i>Current Organic Chemistry</i> , Bentham Science, 2012, 16, 2982-2988
G. Facchetti , E. Cesarotti, M. Pellizzoni, D. Zerla, I. Rimoldi, “In situ activation of racemic Ru(II) complexes: separation of trans and cis species and their application in asymmetric reduction”, <i>European Journal of Inorganic Chemistry</i> , Wiley-VCH, 2012, 27, 4365-4370
I. Rimoldi, M. Pellizzoni, G. Facchetti , F. Molinari, D. Zerla, R. Gandolfi, “Chemo and Biocatalytic strategies to obtain phenyl isoserine, a lateral chain of Taxol by asymmetric reduction”, <i>Tetrahedron: Asymmetry</i> , Elsevier, 2011, 22, 2110-2116

CONGRESS PROCEEDINGS

Asymmetric reduction of cyclic imines by a new hybrid catalyst based on an iridium/ Vancomycin system. International School of Chemistry: Chemistry for Everyday Life, Web Edition, Camerino, 2020, G. Facchetti , I. Rimoldi- Short Presentation
Cytotoxic platinum(II) complexes bearing N-heterocycle rings as novel theranostic agents. In BIOMET20-XIX Workshop on PharmacoBioMetallics. pp. 1-1, CIRCMSB- Consorzio Interuniversitario di Ricerca in Chimica dei Metalli nei Sistemi Biologici, Ancona, 2020, I. Rimoldi, G. Facchetti, N. Ferri, A. Ionescu, <i>et al.</i> I. Aiello-oral communication
New hybrid imine reductases based on Vancomycin for the asymmetric reduction of cyclic imines in aqueous buffer. In XXXIV New Trends in Organic Synthesis, Milano, 2019, G. Facchetti , I. Rimoldi- poster
A new artificial reductase based on the D-Ala-D-Ala/Vancomycin supramolecular interaction and its applications in the enantioselective reduction of cyclic imines. In Congresso Nazionale della Divisione di Chimica Inorganica, pp.79-79. ISBN:9788880803522, Bari, 2019, G. Facchetti , I. Rimoldi- oral communication
New alternative route strategy to obtain artificial imine reductases based on Vancomycin as source of chirality. In ArtZymes 2.0, pp.48-48, Basel, 2019, G. Facchetti, I. Rimoldi- poster
Asymmetric reduction of cyclic imines by a new hybrid catalyst based on an iridium-vancomycin system. In ArtZymes 2.0, pp.39-39, Basel, 2019, G. Facchetti , I. Rimoldi- poster
A novel series of monofunctional Pt(II) complexes framed on 8-aminoquinoline: synthesis and antiproliferative studies. In BIOMET19-XVIII Workshop on PharmacoBioMetallics. pp. 1-1, CIRCMSB-Consorzio Interuniversitario di Ricerca in Chimica dei Metalli nei Sistemi Biologici, Arezzo, 2019, G. Facchetti , N. Ferri, MG. Lupo, I. Rimoldi- poster
Conventional and non-conventional catalytic systems for the asymmetric reduction of cyclic imines. In XIII Conference of the Interdivisional Group of Organometallic Chemistry of The Italian Chemical Society (Co.G.I.C.O.2018)-ICOMC session, Florence, 2018, G. Facchetti , R. Bucci, S. Pellegrino, M. Fusè, R. Gandolfi, I. Rimoldi- oral communication
Sensitivity of mesenchimal stromal cells to a new imidazole-based cationic Pt(II) complex with high in vitro anticancer activity. In GISM2018, Assisi, 2018, I. Rimoldi, G. Facchetti, V. Coccè, L. Cavicchini, G. Alessandri, A. T. Brini, F. Sisto, E. Parati, E. Ciusani, F. Petrella, A. Pessina- poster
Cationic platinum(II) complexes active in vivo as anticancer drugs. In BIOMET18-XVII Workshop on PharmacoBioMetallics. pp. 1-1, CIRCMSB- Consorzio Interuniversitario di Ricerca in Chimica dei Metalli nei

Sistemi Biologici, Napoli, 2018, I. Rimoldi, G. Facchetti, N. Ferri, L. Cavicchini, V. Coccè, A. Pessina-oral communication
Vancomycin/D-Ala-D-Ala interaction: a new strategy to obtain artificial imine reductases. pp.246. In ISySyCat-International Symposium on Synthesis and Catalysis, Evora 2017 - ISBN:978-989-8550-41-5, Evora, 2017, G. Facchetti , S. Pellegrino, R. Gandolfi, M. Fusè, I. Rimoldi- poster
Dynamic kinetic resolution of calchones by chemo- and bio-catalytic approach. In: ISySyCat 2017. In ISySyCat-International Symposium on Synthesis and Catalysis. pp. 247, Cromotema, ISBN: 9789898550415, Evora, 2017, G. Facchetti, F. Meneghetti, R. Gandolfi, I. Rimoldi-poster
New 1,2,5-oxadiazole Pt(II) complex Endowed with STAT3 Inhibitory Properties as Promising Anticancer Agent. In MEDICINAL CHEMISTRY - ISSN:2161-0444 vol. 7 (4), pp.73-73, Milano, 2017, A. Gelain, S. Villa, F. Meneghetti, F. Porta, G. Facchetti, N. Ferri, A. Asai, V. Gandin, C. Marzano, I. Rimoldi-poster
<i>In vitro</i> anticancer activity evaluation of new cationic platinum(II) complexes based on imidazole moiety. In BIOMET16-XVI Workshop on PharmacBioMetallics. pp. 1-1, CIRCMSB- Consorzio Interuniversitario di Ricerca in Chimica dei Metalli nei Sistemi Biologici, Messina, 2016, I. Rimoldi, G. Facchetti, N. Ferri-poster
Mets7 motif peptides in coordinative Cu(I) complexes: application in asymmetric Henry reaction. In BIOMET16-XVI Workshop on PharmacBioMetallics. pp. 1-1, CIRCMSB- Consorzio Interuniversitario di Ricerca in Chimica dei Metalli nei Sistemi Biologici, Messina, 2016, G. Facchetti , S. Pellegrino, A. Contini, M. L. Gelmi, E. Erba, R. Gandolfi, I. Rimoldi- poster
An oxadiazole Pt(II) complex with promising in vivo antitumor activity. In BIOMET16-XVI Workshop on PharmacBioMetallics. pp. 1-1, CIRCMSB- Consorzio Interuniversitario di Ricerca in Chimica dei Metalli nei Sistemi Biologici, Messina, 2016, F. Porta, G. Facchetti, S. Villa, A. Gelain, F. Meneghetti, D. Barlocco, N. Ferri, C. Marzano, V. Gandin, A. Asai, I. Rimoldi-oral communication
New Mets7 motif metalloprotein catalysts for Cu(I)-catalyzed asymmetric Henry reaction. In pp.106-106. In Cafc11: Book of Abstracts, 11th Congress on Catalysis Applied to Fine Chemistry CAFC-11, Lyon, France, 2016, S. Pellegrino, G. Facchetti, A. Contini, M. L. Gelmi, E. Erba, R. Gandolfi, I. Rimoldi-poster
Oxadiazole Pt(II) complexes: promising STAT3 inhibitors in anticancer therapy. In: BIOMET 15: XV Workshop Pharmacobiometallics. p. 76, CIRCMSB- Consorzio Interuniversitario di Ricerca in Chimica dei Metalli nei Sistemi Biologici, Bari, 2015, G. Facchetti , F. Porta, S. Villa, A. Gelain, F. Meneghetti, D. Barlocco, N. Ferri, A. Asai, I. Rimoldi - poster
New Platinum(II) complexes in STAT3 inhibition: a promising tool for anticancer therapy. In: ISySyCat 2015: International Symposium on Synthesis and Catalysis. p. 216, Cromotema, ISBN: 9789898132154, Evora, 2015, I. Rimoldi, F. Porta, S. Villa, A. Gelain, F. Meneghetti, D. Barlocco, N. Ferri, A. Asai, G. Facchetti - poster
STAT3 direct inhibitors: from MD77 to AC33. In: Book of Abstract - SIMCC2015 - p. 86, Spanish-Italian Medicinal Chemistry Congress, Barcelona, 2015, F. Porta, S. Villa, A. Gelain, D. Barlocco, I. Rimoldi, G. Facchetti, N. Ferri, A. Asai-poster
Donor-acceptor properties of atropisomeric diphosphines in Nickel di-carbonyl and Rhodium-chloro-carbonyl complexes. In: XXV Congresso della società chimica italiana. Società chimica italiana, Rende (CS), 2014, M. Fusè, G. Facchetti, D. Zerla, M. Pellizzoni, E. Cesarotti, R. Gandolfi, I. Rimoldi, C. Castellano, F. Demartin - poster
8-Amino-5,6,7,8-Tetrahydroquinolines as Ligands in Iridium(III) Catalysts for the Reduction of Aryl Ketones by asymmetric transfer hydrogenation (ATH). In: Co.Gi.Co 2014, XI Conference of the Interdivisional Group of Organometallic Chemistry of The Italian Chemical Society (Co.G.I.C.O.2018), Milano 24-27 Giugno 2014. p. 65, Milano: EdISES, ISBN: 9788879598224, Milan, 2014, G. Facchetti , D. Zerla, M. Fusè, M. Pellizzoni, C. Castellano, E. Cesarotti, R. Gandolfi, I. Rimoldi - poster
New antiproliferative platinum(II) complexes based on imidazole moiety. In: BIOMET 14: XIV Pharmacobiometallics. p. 19, CIRCMSB- Consorzio Interuniversitario di Ricerca in Chimica dei Metalli nei Sistemi Biologici, Pisa, 2014, G. Facchetti , N. Ferri, R. Gandolfi, S. Pellegrino, E. Pini, I. Rimoldi - oral communication
"In situ" activation of racemic Ru(II) complexes : separation of trans and cis species and their application in asymmetric reduction. In: Co.G.I.C.O. 2012 - X Conference of the Interdivisional Group of Organometallic Chemistry of The Italian Chemical Society (Co.G.I.C.O.2018), Padua 2012, p. 69, G. Facchetti , E. Cesarotti, M. Pellizzoni, D. Zerla, I. Rimoldi - poster

Aminoquinoline-based Ruthenium catalyst for reduction of ketones by hydrogen transfer. In: X Conference of the Interdivisional Group of Organometallic Chemistry of The Italian Chemical Society (Co.G.I.C.O.2018), Padua 2012, p.84 M. Pellizzoni, G. Facchetti, E. Cesarotti, I. Rimoldi, D. Zerla -poster

TEACHING ACTIVITIES

Adjunct Professor of Organometallic Chemistry (32h) for “Chimica e Tecnologia Farmaceutiche” course, a.a. 2019-2020; a.a. 2018-2019; a.a. 2017-2018

Tutor for Inorganic Chemistry stoichiometry course for “Chimica e Tecnologia Farmaceutiche” course, a.a. 2019-2020; a.a. 2018-2019; a.a. 2017-2018; a.a. 2016-2017

Tutor for Organic Chemistry laboratory experiences for “Biotechnologia” course, a.a. 2019-2020; a.a. 2018-2019; a.a. 2017-2018

Inorganic Chemistry stoichiometry for “Farmacia” course, a.a.2013-2014; a.a. 2012-2013

Tutor for Organic Chemistry laboratory experiences for “Scienze e Sicurezza Chimico-Tossicologiche dell’Ambiente” course, a.a. 2013-2014; a.a. 2012-2013

Tutor for Inorganic Chemistry laboratory experiences for “Biotechnologie del Farmaco” course, a.a. a.a. 2012-2013; a.a. 2011-2012

Co-tutor of students’ graduation thesis for “Chimica e Tecnologia Farmaceutiche” course:

- “Basi di Schiff derivate dalla 2-metil–8-ammino-5,6,7,8-tetraidrochinolina e la loro applicazione come inibitori della topoisomerasi II” a.a. 2018-2019
- “Leganti alchil-imidazolici in complessi di platino(II) cationici: sintesi ed attività antiproliferativa” a.a. 2018-2019
- “8-ammino-chinoline come leganti in complessi di platino (II): sintesi ed attività farmacologica” a.a. 2018-2019
- “Development of copper-binding peptides for asymmetric catalysis” a.a. 2017-2018
- “Derivati 4-metilammino imidazolici: potenziali inibitori del fattore di trascrizione STAT3 nella terapia antitumorale” a.a. 2015-2016
- “Nuovi leganti chirali tridentati in complessi di rame per reazioni di addizione enantioselettiva di boro” a.a. 2015-2016
- “Nuovo legante tridentato per l’addizione chemoselettiva Cu(II) catalizzata del bis(pincolato) di boro su calconi sostituiti” a.a. 2015-2016
- “Ottimizzazione della sintesi di complessi di platino(II) ad attività antiproliferativa” a.a. 2015-2016
- “Complessi di platino (II) ad attività antiproliferativa: studio preliminare di struttura-attività” a.a. 2014-2015
- “Nuovi platino(II) derivati ad azione antiproliferativa a nucleo imidazolico: sintesi e caratterizzazione” a.a. 2013-2014

Co-tutor of students’ graduation thesis for “Biotechnologie del Farmaco” course:

- “Leganti 2-metilammino imidazolici biotinilati in metalloenzimi artificiali per la catalisi asimmetrica” a.a. 2015-2016

Co-tutor of students’ graduation thesis for “Biotechnologia” course:

- “Risoluzione cinetico-dinamica di aril idrossi-chetoni diversamente sostituiti per via enzimatica” a.a.2016-2017
- “Sintesi chimica di mets7 e studio di interazione con complessi di platino aventi attività antiproliferativa” a.a. 2015-2016

Co-tutor of students’ graduation thesis for “Scienze e tecnologie Erboristiche” course:

- “*Brassicaceae* fermentate”. a.a. 2018-2019
- “Riso rosso fermentato: proprietà e controindicazioni” a.a. 2018-2019
- “Gli endofiti: caratteristiche e loro influenza sulla produzione di oli essenziali nelle *lamiaceae*” a.a. 2018-2019
- “Potenziale impegno di funghi endofiti nella produzione di Taxolo” a.a. 2018-2019

Co-tutor of students' graduation thesis for "Scienze e Sicurezza Chimico-Tossicologiche dell'Ambiente" course:

- "Sintesi e caratterizzazione strutturale di basi di Schiff come leganti per complessi metallici" a.a. 2013-2014

OTHER INFORMATION

2020, Reviewer for Molecules, MDPI (ISSN 1420-3049)

2020, Guest Editor for Molecules, MDPI, (ISSN 1420-3049). Title of the Special Issue: "New Transition Metal Complexes as Chemotherapeutic Agents"

September 27-28th 2019, Meet Me Tonight 2019: "I funghi NemiciAmici Dipartimento di Bioscienze - Milano - Giardini Indro Montanelli

Pharmacist apprenticeship at Piccinelli-Siliprandi's Pharmacy, Treviglio (BG), Italy, 2012

Use of Office programs (Word, Excel, Powerpoint, Internet Explorer) and scientific related programs (SciFinder, ChemDraw, MestReC)

Data

10/09/2020

Luogo

Milano