

CURRICULUM VITAE

Maria Luisa Di Gioia

Present Position: Associate Professor of ORGANIC CHEMISTRY (SSD: CHEM-05/A)

Università della CALABRIA – (UNICAL), Italy
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SCOPUS Author ID: 6601983729

EDUCATION

2000 - M. Sc. degree in Pharmacy (summa cum laude) University of Calabria 5-year degree course.

2000 - Qualified to practice as a Pharmacist. Final score: (294/300)

2002 -Teaching assistant for the Scientific Disciplinary Sector CHIM/06 (Organic Chemistry) at the Faculty of Pharmacy of the University of Calabria.

2005 - PhD in "Methodologies for the Development of Molecules of Pharmacological Interest" XVIII cycle (S.S.D. CHIM / 06) - Department of Pharmaceutical Sciences of the University of Calabria. Title of the doctoral thesis: "New synthesis strategies in solution and solid phase for obtaining modified amino acids and peptides".

TRAINING SCHOOLS

2005- XXX Summer Course "A. Corbella" - Organic Chemistry Seminars, Società Chimica Italiana-Divisione di Chimica Organica, 13-17 June 2005, Gargnano del Garda.

PROFESSIONAL EXPERIENCE

2003-2005 - Research Fellowship for collaboration in research activities at the Department of Pharmaceutical Sciences of the Faculty of Pharmacy of the University of Calabria for the scientific-disciplinary sector CHIM/06 (Organic Chemistry); Research title: Synthesis of modified amino acids and peptides designed to obtain protease inhibitors.

2005-2006 - Research Fellowship for collaboration in research activities at the Department of Pharmaceutical Sciences of the Faculty of Pharmacy of the University of Calabria for the scientific-disciplinary sector CHIM/06 (Organic Chemistry); Title of the research: "Amino acids and peptides, whether or not modified, for the agri-food sector"

2006-2022 Assistant Professor of Organic Chemistry SSD CHIM/06–Department of Pharmacy, Health and Nutritional Sciences (DFSSN) of the University of Calabria.

2018- it was conferred to M.L. Di Gioia the title of the National Scientific Habilitation as an Associate Professor of Organic Chemistry-CHIM-06.

Since 1/10/2022- Associate Professor of Organic Chemistry SSD CHIM/06–Department of Pharmacy, Health and Nutritional Sciences (DFSSN), University of Calabria.

PROJECTS

2009: Quasiora project "Scientific Research and Technological Innovation" - 1st supplementary act relating to research in the agri-food sector. - Action 2- Public laboratories for mission-oriented inter-branch research. approved with DR n ° 3613 of 18 March 2009

2010 – 2013: APQ SCIENTIFIC RESEARCH - Action 3 - Supporting the demand for innovation in the agri-food sector "Optimization of the production cycle of Calabrian cured meats"

2012 – 2015: Project SILA - Integrated System of Laboratories for the Environment has been funded by the Italian Ministry of Education, University and Research (MIUR) within the PON Project -Research and Competitiveness 2007-2013 for Convergence Regions. CCI: 2007IT161PO006- Line I: "Support to Structural Changes" - Operational Objective 4.1.1.4. "Enhancement of scientific and technological framework and equipment" Action I: "Structural Reinforcement" - PONA3_00341

2017: she obtained a funding of the basic research activity referred to in art. 1, paragraphs 295 and following of the law 11 December 2016 n.232.

2024- 2025: Project LIPGENOMIX with CUP B83C22002860006, funded through the SPOKE 6 CNR Cascade Call - Project "National Center for Gene Therapy and RNA-Based Drug Technologies," Project Code MUR: CN00000041 – National Recovery and Resilience Plan, Mission 4, Component 2, Investment 1.4 "Enhancement of Research Structures and Creation of 'National R&D Samples' on Key Enabling Technologies" Initiative funded by the European Union – NextGenerationEU. CUP B83C22002860006.
Here is the translation you can use for your CV:

January 8, 2025 – October 31, 2025: Project ADEVEGLIO: "Advances in Extracellular Vesicles Membrane Fusion Processes for Enhanced Loading of Genetic Materials" CUP H73C24001590006.
Cascade call issued by the University of Milan (Rectoral Decree rep. no. 3926 of 06/06/2024), in its role as SPOKE 9 and as part of the Research Program of the "National Research Center – Development of Gene Therapy and RNA-Based Drug Technologies."

2024: Scientific Coordinator of the agreement between the Department of Pharmacy, Health and Nutrition Sciences at the University of Calabria and the organization OP Ortocal Soc. Coop. Agricola, based in Corigliano- Rossano, for the development of recyclable food packaging using waste products derived from fruit.

SUPERVISION OF STUDENTS for DOCTORAL and GRADUATE THESES

Since 2006 - Supervisor of Ph. D. (2) and more than 50 undergraduate students at the Department of Pharmacy and Nutrition and Health Sciences, University of Calabria.

TEACHING ACTIVITY

2020 -2024: -Supervisor of the research activity "Eco-sustainable synthesis of peptides and peptide conjugates through the use of Deep Eutectic Solvents (DES)" of a PhD student, enrolled in the XXXVI cycle of the PhD course in "Translational Medicine" at the Department of Pharmacy and Nutrition and Health Sciences, University of Calabria.

A.Y. 2019/2020 -teaching activities in the II level Master in "Galenic Technology and Legislation", Department of Pharmacy and Health Sciences and Nutrition, University of Calabria.

2024/2025-present

- "Organic Chemistry" Department of Pharmacy and SSN, Pharmacy degree course
- "Laboratory of Chemistry of Natural Organic Substances", Department of Pharmacy and SSN, Pharmaceutical Chemistry and Technology degree course
- "Physical Methods in Organic Chemistry", Department of Pharmacy and SSN, Nutritional Science master's degree course
- "Physical Methods in Organic Chemistry", Department of Pharmacy and SSN, Nutritional Science master's degree course (English curriculum)

from the academic year 2019/2020 till 2023/2024

- "Organic Chemistry" Department of Pharmacy and SSN, Pharmacy degree course
- "Laboratory of Chemistry of Natural Organic Substances", Department of Pharmacy and SSN, Pharmaceutical Chemistry and Technology degree course
- "Organic Chemistry", Department of Pharmacy and SSN, Scientific Information on Drugs and Health Products degree course
- "Physical Methods in Organic Chemistry", Department of Pharmacy and SSN, Nutritional Science master's degree course

from the academic year 2014/2015 till 2018/19

- “Laboratory of Chemistry of Natural Organic Substances”, Department of Pharmacy and SSN, Pharmaceutical Chemistry and Technology degree course
- “Organic Chemistry”, Department of Pharmacy and SSN, Scientific Information on Drugs and Health Products degree course
- “Physical Methods in Organic Chemistry”, Department of Pharmacy and SSN, Nutritional Science master’s degree course

A.Y. 2013/2014

- “Chemistry of Natural Organic Substances and laboratory” Department of Pharmacy and SSN, Pharmaceutical Chemistry and Technology degree course
- “Chemistry of heterocyclic compounds” Department of Pharmacy and SSN, Scientific Information on Drugs and Health Products degree course

A.Y. 2011/2012 - 2012/13

- “Laboratory of Organic Chemistry” Faculty of Pharmacy and SSN, Pharmaceutical Chemistry and Technology degree course

A.Y. 2010/2011

- “Laboratory of Physical Methods in Organic Chemistry” Faculty of Pharmacy and SSN, Pharmaceutical Chemistry and Technology degree course

A.Y. 2009/2010

- “Chemistry of Natural Organic Substances” Faculty of Pharmacy and SSN, Pharmaceutical Chemistry and Technology degree course
- “Organic Chemistry I”, Faculty of Pharmacy and SSN, Environmental Toxicology degree course
- “Bioorganic” Faculty of Pharmacy and SSN, Nutritional Science degree course

A.Y. 2007/2008

- “Chemistry of Natural Organic Substances” Faculty of Pharmacy, Pharmaceutical Chemistry and Technology degree course
- “Organic Chemistry I”, Faculty of Pharmacy, Environmental Toxicology degree course
- “Laboratory of Organic Chemistry” Faculty of Pharmacy, Pharmaceutical Chemistry and Technology degree course
- “Photochemistry” Faculty of Pharmacy, Environmental Toxicology degree course

A.Y. 2006/2007

- “Chemistry of Natural Organic Substances” Faculty of Pharmacy, Cosmetic Products and Technology degree course
- “Chemistry of Natural Organic Substances” Faculty of Pharmacy, Pharmaceutical Chemistry and Technology degree course
- “Organic Chemistry I” Faculty of Pharmacy, Environmental Toxicology degree course
- “Laboratory of Organic Chemistry” Faculty of Pharmacy, Pharmaceutical Chemistry and Technology degree course

A.Y. 2005/2006

- “Chemistry of Natural Organic Substances”, Faculty of Pharmacy, Cosmetic Products and Technology degree course
- “Organic Chemistry II” Faculty of Pharmacy, Environmental Toxicology degree course
- “Laboratory of Organic Chemistry” Faculty of Pharmacy, Pharmaceutical Chemistry and Technology degree course

A.Y. 2004/2005

- “Organic Chemistry” ” Faculty of Pharmacy, Cosmetic Products and Technology degree course;
- “Applied Organic Chemistry” Faculty of Pharmacy, Environmental Toxicology degree course

PARTICIPATION IN THE TEACHING STAFF AND ASSIGNMENT OF TEACHING POSITIONS IN THE CONTEXT OF DOCTORATE SCHOOLS

2024-Member of the Evaluation Committee of a Doctoral Thesis developed at the Department of Pharmacy and SSN, (University of Calabria) in joint supervision with University of Alicante (SPAIN)
Thesis Information: Candidate: Debora Procopio (International Doctorate Mention)
Title of the Thesis: Deep Eutectic Solvents as Sustainable Media for Pharmaceutical Purposes.
Date of defense:16/09/2024

2023-EXTERNAL REVIEWER of a Doctoral Thesis submitted to apply for PhD degree with International Mention at the University of Alicante. developed at the Institute of Organic Synthesis (University of Alicante).
Thesis Information: Candidate: NEREA GONZÁLEZ GALLARDO (International Doctorate Mention)
Title of the Thesis: Fifth Period Metals in Deep Eutectic Solvents: Catalytic Activity in Organic Synthesis and Beyond
Alicante, September 14th, 2023

2023- member, as an international expert, of the Evaluation Committee of a Doctoral Thesis developed at the Institute of Organic Synthesis (University of Alicante).
Thesis Information: Candidate: Mario Martos González (International Doctorate Mention)
Title of the Thesis: Sustainable catalytic systems based on imidazole derivatives.
Date of defense: 24/03/2023

Since A.Y. 2013 to date

member of the Ph.D. board in "TRANSLATIONAL MEDICINE" - University of CALABRIA

From 2008 to 2013

member of the Ph.D. board in "SCHOOL OF SCIENCE AND TECHNOLOGY BERNARDINO TELESIO" University of CALABRIA.

Academic Year 2006/2007

member of the Ph.D. board in "METHODOLOGIES FOR THE DEVELOPMENT OF MOLECULES OF PHARMACOLOGICAL INTEREST". University of CALABRIA

July 2008

Teaching activity for the PhD course "METHODOLOGIES FOR THE DEVELOPMENT OF MOLECULES OF PHARMACOLOGICAL INTEREST". University of CALABRIA- Lesson (4 hours). TITLE: SOLID-PHASE SYNTHESIS OF AMINO ACIDS AND THEIR ANALOGUES.

October 2007

Teaching activity for the PhD course "METHODOLOGIES FOR THE DEVELOPMENT OF MOLECULES OF PHARMACOLOGICAL INTEREST". Lesson (2 hours) TITLE: SYNTHESIS OF AMINO ACIDS AND THEIR ANALOGUES IN SOLID PHASE

October 2007

Teaching activity for the PhD course "METHODOLOGIES FOR THE DEVELOPMENT OF MOLECULES OF PHARMACOLOGICAL INTEREST". Lesson (2 hours). TITLE: "SYNTHESIS TECHNIQUES ON SOLID SUPPORT"

INSTITUTIONAL ACTIVITIES

2008

Member of the Examining Commission of the public selection (appointed with D.R. No. 1048 of 14.04.2008), for qualifications and interview, for the awarding of No. 1 Research Fellowship relating to the scientific disciplinary sector CHIM/06 announced with D.R. N.105 of 18.01.2008 with headquarters at the Faculty of Pharmacy and Nutrition and Health Sciences of the University of Calabria, Department of Pharmaceutical Sciences.

2012-2015

Member of the Disciplinary Board of the University of Calabria (D.R. No. 2124 of 16 October 2012).

2014 to date

Member of the Review Commission of the CdS in Pharmaceutical Chemistry and Technology of the Department of Pharmacy and SSN -UNICAL.

2016

Member of the Examining Committee selective procedure for the assignment of collaboration assignments for research activities SSD / CHIM06. Department of Pharmacy and Health and Nutrition Sciences - University of Calabria. Directorial Decree No. 22 of 27.04.2016

2016

Member of the Examining Committee selective procedure for the assignment of collaboration assignments for research activities SSD / CHIM06. Department of Pharmacy and Health and Nutrition Sciences - University of Calabria. Directorial Decree No. 21 of 06.06.2014

2015 - 2018

Member of the Board of the Department of Pharmacy and Health Sciences and Nutrition of the University of Calabria for the three-year period 2015/2018. (Directorial Decree no. 37 of 30/05/2016)

2014-2018

Member of the Departmental Commission for the assignment of degree theses for the CdS in Pharmaceutical Chemistry and Technology.

27-04-2016

Member of the Examining Committee selective procedure for the assignment of collaboration assignments for research activities SSD / CHIM06. Department of Pharmacy and Health and Nutrition Sciences - University of Calabria. Directorial Decree No. 22 of 27.04.2016

26-04-2016

Member of the Examining Committee selective procedure for the assignment of collaboration assignments for research activities SSD / CHIM06. Department of Pharmacy and Health and Nutrition Sciences - University of Calabria. Directorial Decree No. 21 of 06.06.2014

2019

Member of the Proposing Committee of the II level University Master in "Galenic Technology and Legislation" Proposing Committee: Prof. Sonia Trombino, Prof. Carmelo Nobile, Prof. Francesco Puoci, Dr. Roberta Cassano, Dr. Maria Luisa Di Gioia (D.R. n.1202 of 05/08/2019)

2020 to date

Member of the Internship Commission of the Department of Pharmacy and Health Sciences and Nutrition of the University of Calabria.

Academic and Institutional Roles

2023–present: Member of the Quality Assurance Board for the Master's Degree Program in Pharmaceutical Chemistry and Technology (CTF) – University of Calabria

2023–present: Member of the Program Review Committee for the CTF Degree Course – University of Calabria

2023–present: Academic Tutor for the Degree Program in Pharmaceutical Chemistry and Technology (CTF) – University of Calabria

2023–present: Delegate of the Degree Program in Nutritional Sciences (LM SNM) for Internship Evaluation Procedures

2023–present: Coordinator's Delegate for Internship Evaluation – Master's Degree in Nutritional Sciences (LM SNM) – University of Calabria

National Admission Exam Committees (Medicine and Dentistry)

Academic Year 2021–2022: Vice-President of Examination Committees for the National Admission Test to the Single-Cycle Master's Degree Programs in Medicine and Surgery and Dentistry and Dental Prosthetics (Rectoral Decree No. 1183/2021, dated 02/09/2021)

Academic Year 2022–2023: President of Examination Room Committees for the National Admission Test to Single-Cycle Master's Degree Programs (as per Ministerial Decree No. 583/2022) (Rectoral Decree No. 1183/2022, dated 05/09/2022)

May 2024: President of Examination Room Committees for the national admission test to the Single-Cycle Master's Degree Program in Medicine and Surgery for the academic year 2024/2025 (Ministerial Decree No. 472/2024; Rectoral Decree No. 458/2024, dated 27/05/2024)

July 2024: President of Examination Room Committees for the second session of the national admission test to the Single-Cycle Master's Degree Program in Medicine and Surgery for the academic year 2024/2025 (Ministerial Decree No. 472/2024; Rectoral Decree No. 772/2024, dated 29/07/2024)

RESEARCH ACTIVITY

M.L. Di Gioia research activity is based on the structural modification of natural amino acids and the synthesis of their non-natural analogues to obtain peptidomimetics with potential pharmacological activity. The main modifications concern the *N*-methylation of the amine function of amino acids and oligopeptides, the modification of the peptide skeleton contemplating, at the same time, the possibility of introduction and removal of the main protective groups used in organic chemistry. More recently her research interests have focused on sustainable chemistry and on the use of unconventional solvents for the development of synthetic processes with low environmental impact for the production of biomolecules useful in the pharmaceutical and biomedical fields. In particular, the focus in this research area is on deep eutectic solvents (DESs), as promising new generation green reaction media, for the development of sustainable chemistry in peptide synthesis and for the extraction of active ingredients from natural matrices.

ORGANIZATION OR PARTICIPATION AS A SPEAKER AT NATIONAL OR INTERNATIONAL SCIENTIFIC CONFERENCES:

2024- visiting professor University of Valencia: lessons in the course “Estructura y Síntesis de Moléculas Bioactivas” and participated in the investigation in “Métodos de síntesis: benzopiranos prenilados con afinidad por los receptores nucleares” - Master Research and Rational Use of Medicines, Departamento de Farmacología, Laboratorio de Farmacoquímica, Facultat de Farmacia, University of Valencia. From 13 to 17 May 2024.

2022- Invited speaker: Maria Luisa Di Gioia, seminar entitled "Deep eutectic solvents: sustainable means for organic synthesis and for the extraction of active ingredients from plant matrices" in Master Research and Rational Use of Medicines, Departamento de Farmacología, Laboratorio de Farmacoquímica, Facultat de Farmacia, University of Valencia. From 23 to 28 May 2022.

2020 - Member of the Scientific Committee of the International Conference NutriTerra – First edition, Virtual Congress "Nutrition, Diet Therapy & Food Safety in The Context Of The Covid-19" held online, from 28-05-2020 to 29-05-2020. University of Medicine and Pharmacy "Carol Davila", Bucharest, Romania.

2020 - participation to the virtual Congress titled Nutriterra 2020 “NUTRITION, DIET THERAPY& FOOD SAFETY IN THE CONTEXT OF THE COVID-19” held online, May 28th - 29th 2020 with a poster titled “Profiling of acetogenin contents and triacylglycerol fatty acid chains in Annona Cherimoya mill., a fruit cultivated in Calabria, the southern part of Italy”

2019- member of the Organizing Committee of the International NATO School SPS ASI 9845535 Advance Study Institute on the: SCIENCE for PEACE and SECURITY titled “Detection, Diagnosis and Health Concerns of Toxic Chemical and Biological Agents” held in Calabria (Italy) from September 29, till October 5, 2019. During this event leading experts discussed the latest scientific technologies and processes in the context of human exposure and health effects from chemical and biological agents.

2019 - INVITED SPEAKER: Workshop with International Participation "PHARMACY: PAST; PRESENT AND FUTURE", 4th Edition 16th-18th May 2019, "Ovidius" University of Constanta, Romania.

Maria Luisa Di Gioia "Green Methodologies in Organic Synthesis for the Preparation of Bioactive Molecules"

2017-Speaker at the Scientific Conference: XXVI National Congress of the Italian Chemical Society. **SPEAKER:** DI GIOIA M.L. **COAUTHORS:** Nardi M, Oliverio M, Procopio A, Paonessa R, Sindona G. **TITLE:** The greening of protection/deprotection strategies in peptide synthesis. Congress Center Hotel Ariston Paestum (SA), 10-14 September 2017 Division of Organic Chemistry - Italian Chemical Society. **BOOK OF ACTS ORG OR40, PAGE 74**

2016-Invited speaker: Conference "Sustainable Chemistry" Speaker : DI GIOIA ML . **TITLE:** "SYNTHESIS AND CHEMISTRY OF AMINO ACIDS AND PEPTIDES". at the Facultad de Ciencias Quimicas, Departamento de Quimica Organica, Universidad Nacional de Cordoba, ARGENTINA, 15th November 2016.

2014 -Speaker at the Conference (POR CALABRIA FESR 2007-2013): SAN VINCENZO cured meats: tradition and innovation for industrial production. "Cured meats containing the polyphenols of wine". Hall of Mirrors -PROVINCE OF COSENZA –Cosenza, 22 February 2014

2013 -Member of the Organizing Committee of the Conference: "Drugs and Health Products: New Perspectives in Translational Research". Department of Pharmacy and Health Sciences and Nutrition. University of Calabria. 8 April 2013

2007 -Member of the Organizing Committee of the XXXI National Conference of the Division of Organic Chemistry, Rende 10-14 September 2007.

2005 -Speaker at Training Schools in Organic Chemistry. XXX Summer Course "A. Corbella" Organic Chemistry Seminars. **RAPPOREUR:** DI GIOIA M, **CO-AUTHORS:** Leggio A., Liguori A. (2005). **TITLE:** Amino Acids and Nitrogen-Methylated Peptides. Gargnano del Garda, June 13-17, 2005.

2004-Member of the Organizing Committee of the Conference "Itineraries of Chemistry in Calabria 6". "The developments of chemical research for technology and innovation in Calabria", organized by the Italian Chemical Society (SCI) Calabria Section, in collaboration with the University of Calabria (Rende-CS, 21-22 October 2004).

2003- Member of the Organizing Committee of the Conference "Itineraries of Chemistry in Calabria 5". "La ricerca di area chimica in Calabria e le risorse del territorio", organized by the Italian Chemical Society (SCI) Calabria Section, in collaboration with the University of Calabria (Rende- CS, 6-7 November 2003).

2003 -Member of the Organizing Committee of the Conference "Itineraries of Chemistry in Calabria 4" – "Green chemistry. Food production in Calabria", organized by the Italian Chemical Society (SCI) Calabria Section, in collaboration with the University of Calabria (Rende- CS, 28 January 2003).

2002 -Speaker at the International Scientific Conference: Massa 2002 An International Symposium on Mass Spectrometry- 30th Anniversary of SCI-DSM. **RAPPOREUR:** DI GIOIA M. **CO-AUTHORS:** BRIA, C, LEGGIO, A, LE PERA, A, LIGUORI, A, NAPOLI, A, SICILIANO, C, SINDONA, G (2002). Identification of Biomolecules and Xenobiotics in saliva fluid by SPE- GC/MS. Cetraro (CS), 27 June - 1 July 2002

2001 - Speaker at the Scientific Conference: in: I Scientific Day C.I.N.M.P.I.S. **Speaker:** Di Gioia M (2001). New methods of synthesis of biologically active modified amino acids and peptides. Pavia, 9 October 2001. **BOOK OF ACTS PAG11**

PRIZES AND AWARDS:

She was awarded, in **2004**, with the “Premio Anassilaos Giovani 2004” conferred by the Anassilaos Cultural Association to Calabrian researchers distinguished by their educational and professional curriculum.

2009

SYNFACTS 2009, 10, 1176-1176. DOI: 10.1055/s-0029-1217872

Highlights in Current Synthetic Organic Chemistry

Deprotection of the N-Nosyl Group with a Thiol Resin.

Contributor(s): Yasuhiro Uozumi, Yoichi M. A. Yamada, Chung Keun Jin

for the article: De Marco, R., Di Gioia, M.L., Leggio, A., Liguori, A., Viscomi, M.C. Deprotection of N-Nosyl- α -amino acids by using solid-supported mercaptoacetic acid. (2009) European Journal of Organic Chemistry, (22), pp. 3795-3800. doi:10.1002/ejoc.200900271

Articles indexed on CHEMINFORM

Wiley's journal that selects, according to what can be read on the website of the same journal, "Abstracts of the most important reactions in organic chemistry"

1. ChemInform Abstract: Deprotection of N-Nosyl- α -amino Acids by Using Solid-Supported Mercaptoacetic Acid. Rosaria De Marco, Maria Luisa Di Gioia, Antonella Leggio, Angelo Liguori, Maria Caterina Viscomi 2009 Vol. 40; Iss. 50 DOI: 10.1002/chin.200950202
2. ChemInform Abstract: Synthesis of D-erythro-Sphinganine Through Serine-Derived α -Amino Epoxides. Siciliano Carlo, Barattucci Anna, Bonaccorsi Paola, Di Gioia Maria Luisa, Leggio Antonella, Minuti Lucio, Romio Emanuela, Temperini Andrea 2014 / 11 Vol. 45; Iss. 47 Rivista: ChemInform DOI: 10.1002/chin.201447236
3. ChemInform Abstract: Facile Approach to Enantiomerically Pure α -Amino Ketones by Friedel-Crafts Aminoacylation and Their Conversion into Peptidyl Ketones. Maria Luisa Di Gioia, Antonella Leggio, Angelo Liguori, Anna Napoli, Carlo Siciliano, and Giovanni Sindona. March 2010 ChemInform 33(12) DOI: 10.1002/chin.200212226
4. ChemInform Abstract: N-Alkylation of N-Arylsulfonyl- α -amino Acid Methyl Esters by Trialkyloxonium Tetrafluoroborates. Rosaria De Marco, Maria Luisa Di Gioia, Angelo Liguori, Francesca Perri, Carlo Siciliano, Mariagiovanna Spinella. 2011 ChemInform 67(50):9708-9714 DOI: 10.1016/j.tet.2011.10.042
5. ChemInform Abstract: One-Pot Synthesis of Amides from Carboxylic Acids Activated Using Thionyl Chloride. Leggio, A., Belsito, E. L., De Luca, G., Di Gioia, M. L., Leotta, V., Romio, E., Siciliano, C., Liguori, A. 2016 / 08 Vol. 47; Iss. 34. 10.1002/chin.201634055

2021

Certificate of excellence for the poster "Profiling of Acetogenin Contents and Triacylglycerol Fatty Acid Chains in Annona Cherimoya Mill., a Fruit Cultivated in Calabria, the Southern Part of Italy" presented at the International Conference NUTRITERRA – FIRST EDITION, VIRTUAL CONGRESS

"NUTRITION, DIET THERAPY& FOOD SAFETY IN THE CONTEXT OF THE COVID-19" held online, University of Medicine and Pharmacy "Carol Davila", Bucharest. May 28th - 29th 2020.

2022

Article selected for the "2021 Organic & Biomolecular Chemistry HOT article collection" by the magazine Organic & Biomolecular Chemistry. for the article: Procopio, D.; Siciliano, C.; Trombino, S.; Dumitrescu, D.E.; Suci, F.; Di Gioia, M.L. Green solvents for the formation of amide linkages. (2022), Org. Biomol. Chem., 20, 1137-1149. 10.1039/D1OB01814K. Article also selected as "issue cover", issue 6, (<https://pubs.rsc.org/en/content/articlelanding/2022/ob/d1ob01814k>)-

MEMBER OF THE EDITORIAL BOARD OF THE FOLLOWING JOURNALS:

- a) **Current Green Chemistry**, (Bentham Science Publishers) (dal 2019);
- b) **Mini Review in Medicinal Chemistry**, Section Editor "Green Techniques for Organic Synthesis and Medicinal Chemistry" (Bentham Science Publishers) (dal 2019);
- c) Advisory Board Member of **Sci** (MDPI) (dal 2019)
- d) **Catalysts** (ISSN 2073-4344), Section Editor "Catalysis for Pharmaceuticals" (MDPI), (dal 2021)

REVIEWER ACTIVITY

reviewer for international journals such as: Green Chemistry; Organic Letters; RSC Advances, Molecules; Catalysts; Antioxidants; Sustainability; Nutrition and Food Science; Materials; Plos one; Waste and Biomass Valorization; Materials; Foods; Applied Sciences; Sustainable Chemistry; New Journal of Chemistry; Arabian Journal of Chemistry; Journal of Molecular Liquids; International Journal of Molecular Sciences; Crystals; Journal of Drug Delivery Science and Technology; Food Chemistry;

2021

invited as evaluator of scientific projects presented as part of the "Notice for the presentation of two-year research projects in the University of Cagliari - Annuality 2020!" promoted by the University of Cagliari together with the Cariplo Foundation.

2023 Invited as evaluator of a research project proposal with the title: GREEN AppRoaches to CHlorine-free bio-based polyurEthanes and epoxy ResinS, submitted under the Ca' Foscari University of Venice call for proposals SPIN - Supporting Principal Investigators.

EDITORIAL ACTIVITY

2013

Editor in: FIRST INTERNATIONAL RETINOIDS MEETING 2013. ABSTRACTS BOOK edited by Cione E., Cordò A, Di Gioia M. L., Pingitore A. Editore: Pellegrini. Collana: Thesaurus. 2013, ISBN: 8868220865.

2020

Editor in: Toxic Chemical and Biological Agents: Detection, Diagnosis and Health Concerns. Part of the NATO Science for Peace and Security Series A: Chemistry and Biology book series. Giovanni Sindona, Joseph H. Banoub, Maria Luisa Di Gioia (Eds.) (Springer) 2020 ISBN : 978-94-024-2040-1

2021

Editor in: **Green and Sustainable Solvents II A Themed Issue in Honor of Professor Giovanni Sindona on the Occasion of His 70th Birthday.** Monica Nardi, Antonio Procopio and Maria Luisa Di Gioia (Eds.) 2021. ISBN 978-3-0365-2168-8 (Hbk); ISBN 978-3-0365-2167-1 (PDF) <https://doi.org/10.3390/books978-3-0365-2167-1>

Editor in: Special Issue in **Molecules** (MDPI, Impact Factor 4.412): "Green and Sustainable Solvents II: A Themed Issue in Honor of Professor Giovanni Sindona on the Occasion of His 70th Birthday". https://www.mdpi.com/journal/molecules/special_issues/green_solvents_II

Editor in: Special Issue in **Catalysts** (MDPI, Impact Factor 4.146): "Advanced Methods for Catalytic/Sustainable Amide or Peptide Formation" https://www.mdpi.com/journal/catalysts/special_issues/Catalytic_Amide_Peptide_Formation

Editor in: Special Issue in **Molecules** (MDPI, Impact Factor 4.412): "Sustainable Materials for Healthcare: Green Drug Delivery and Devices" https://www.mdpi.com/journal/molecules/special_issues/sustainable_healthcare

Topic Editor in: Research Topic in **Frontiers in Chemistry**, section Green and Sustainable Chemistry (Impact Factor 5.221): "Advances in the development and application of Deep Eutectic Solvents" https://www.frontiersin.org/research-topics/29952/advances-in-the-development-and-application-of-deep-eutectic-solvents?utm_source=F-RTM&utm_medium=TED1&utm_campaign=PRD_TED1_T1_RT-TITLE

Topic Editor in: Topic in **Molecules; Catalysts; Chemistry; Materials; Molbank** (MDPI): "Catalysis: Homogeneous and Heterogeneous" https://www.mdpi.com/topics/homogeneous_heterogeneous

Editor in: Special Issue in **Molecules** (MDPI, Impact Factor 4.6): "Organic Reactions in Deep Eutectic Solvents" https://www.mdpi.com/journal/molecules/special_issues/7P08G687WF

Editor in: **Special Issue in Antioxidants (MDPI, Impact Factor 7.0): "Valorization of the Antioxidant Power of Nature Compounds"**

https://www.mdpi.com/journal/antioxidants/special_issues/G8Z466PF1W

2024

Editor in : Di Gioia, M. L., Gawande, M. B., Duarte, A. R., eds. (2024). Advances in the development and application of deep eutectic solvents. Lausanne: Frontiers Media SA. doi: 10.3389/978-2-8325-4455-6

NATIONAL COLLABORATIONS

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INTERNATIONAL COLLABORATIONS

-Prof. Diego J. Ramon
- Prof. Gabriela Guillena
- Prof. Diego Cortes
-Prof. Denisa Dumitrescu

SCIENTIFIC PUBLICATIONS

Total Citations: **2268**

H index: **29**

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April 2025

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV.