

Giuseppe Floresta



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DoB: 15/Feb/1991

Giuseppe Floresta completed his Pharm. D. in 2014 (110/110 cum laude) at the University of Catania (Italy), his degree thesis was awarded with the "Order of Pharmacists Catania Award Academic year 2012/2013". He then pursued a PhD in Chemistry at the University of Catania from 2015 to 2018, during this period he spent one year at the King's College London (UK) in the research group of Professor Robert Hider and Vincenzo Abbate, where he started his interest in chelating agents, peptides and radiochemistry. After one year of post-doc research at the University of Catania where he focused his research in drug design, he moved to King's College London where he has been post-doc research associate since September 2019. In May 2020 he was granted a Marie Curie post-doctoral Fellowship at King's College London awarded by the European Commission on one of his projects to develop novel radiotracers for c-Met receptor imaging. He is author/co-author of over 110 peer-reviewed publications in organic chemistry and pharmaceutical chemistry. In March 2025, he attained the national scientific qualification (ASN – Abilitazione Scientifica Nazionale) for full professor in organic chemistry. Today he is Associate Professor at the University of Catania where he is Principal investigator or Principal research collaborator for different scientific projects toward the development of novel pharmaceutical and imaging tools. In 2023 he was Research Consultant at the University of Hertfordshire. Since December 2023 he is Visiting Lecturer at King's College London, where he is lecturing in the courses of Analytical Chemistry for Forensic Science and Toxicology and Analytical Toxicology, Biochemical Toxicology. In 2024, he received the Junior Scientific Research Award 2024 "Organic chemistry for life sciences" by the Italian Chemical Society - Division of Organic Chemistry "For the accuracy and multidisciplinary value of his research on the development of polydentate chelating agents for trivalent metal ions with interesting applications both in the biomedical field in diagnostics and therapy and for the development of innovative catalytic systems".

Updated on 01/08/2025

Education and Experience

2014		Degree in Pharmacy-University of Catania 110/110 cum laude; Thesis in Organic Chemistry entitled: "Synthesis of 2-(chloromethyl)-4-alchyl-5-oxopiperazine-1-sulfonamide via palladium catalysis"
2015		Research fellow-University of Catania Research project entitled: "Design and stereoselective synthesis of active compounds to protein targets involved in viral diseases and cancer"
2016		Award Order of Pharmacists Award Order of Pharmacists Province of Catania Academic Year 2012/2013
11/2015-10/2018		PhD Student in Chemical Sciences- University of Catania Thesis entitled: "Design and synthesis of novel compounds as fatty acids binding protein inhibitors and as gallium-68 chelators for positron emission tomography"
01/2017-07/2017		Visiting PhD Student-King's College London Prof. Robert Hider, Institute of Pharmaceutical Science
02/2018-06/2018		Visiting PhD Student-King's College London Prof. Vincenzo Abbate, School of Population Health & Environmental Sciences
11/2018-08/2019		Research fellow-University of Catania
09/2019-04/2020		Postdoctoral Researcher-King's College London Study of peptides-based PET tracers
05/2020		Positron Emission Tomography Technology and Application Advanced PET course. KCL & Guy's and St Thomas' PET Centre
05/2020-05/2022		Marie Curie Fellow- King's College London ICG68-PROG - grant agreement No 893784
03/2022-02/2024		Researcher RtdB - Assistant Professor- University of Catania

05/2023-
07/2023



Research Consultant - University of Hertfordshire

12/2023-
12/2026



Visiting Lecturer-King's College London

Institute of Pharmaceutical Science

2024



Junior Scientific Research Award 2024 "Organic chemistry for life sciences"

Italian Chemical Society - Division of Organic Chemistry

2024/2026



Member of the Panel GEV 3 – Chemical Sciences (Group of Evaluation Experts) of the Italian Quality Research Assessment

Italian National Agency for the Evaluation of Universities and Research Institutes (ANVUR), research quality assessment (VQR) 2020-2024.

02/2025-
now



Associate Professor- University of Catania

2025/2027



Secretary-Treasurer of the Italian Chemical Society – Sicily Section

Award and memberships

Award Order of Pharmacists Province of Catania Academic Year 2012/2013

Associate professorship in Organic Chemistry (Italy) from November 2020

Marie Curie Alumni Association member since April 2020

Junior Scientific Research Award 2024 "Organic chemistry for life sciences". Italian Chemical Society - Division of Organic Chemistry

Research grants and collaborative projects

2013-2016 Collaborator. Design and stereoselective synthesis of compounds active towards protein targets involved in viral and tumor pathologies. Protocollo 20109Z2XRJ_003 CINECA – MUR. Researcher inst. where grant is/was performed: University of Catania. Fund: 200.000,00 €

2020-2022 Co-Principal Investigator. Imaging of c-Met aberrant cancers with Gallium-68 chelators for positron emission tomography. Grant agreement ID: 893784 <https://cordis.europa.eu/project/id/893784>. Researcher inst. where grant is/was performed: King's College London. Fund: 212.933,00 €

2022-2023 *Co-Principal Investigator*. Development on novel PET probes for cancer and infection imaging. Royal Society RGS\R1\221250, [https://kclpure.kcl.ac.uk/portal/en/persons/giuseppe-floresta\(17d4c74c-ed43-4a13-a38f-8812fca76fcb\)/projects.html](https://kclpure.kcl.ac.uk/portal/en/persons/giuseppe-floresta(17d4c74c-ed43-4a13-a38f-8812fca76fcb)/projects.html). Researcher inst. where grant is/was performed: King's College London. Fund: £20,000.00

2022-2025 *Collaborator*. Learning a lesson: fighting SARS-CoV-2 Infection and get ready for other future Pandemic scenarios. VIPER (J43C22000900005). Dr. Giuseppe Floresta, is involved in the research activity of Task 1.2. "Development of MEDS433/Cyclodextrin Complex". The Principal Investigator for University Messina Unit is Prof. Anna Piperno. Fund: 300.000,00 €

2023-2025 *Principal Research Collaborator*. Theranostics in gastric cancer through immunotargeting of the CSPG4 cell surface proteoglycan. PNRR-POC-2022-12376831. https://www.pnrr.salute.gov.it/imgs/C_17_bandi_295_1_file.pdf Researcher inst. where grant is/was performed: Azienda Ospedaliera Universitaria Integrata Verona/University of Catania. Fund: 993.000,00 €

2023-2025 *Principal Investigator*. Harnessing the potential of the THP: moving toward the development of a clinical-grade kit for a peptide-based PET imaging agent for real-time imaging and treatment of aberrant c-Met cancers for another giant step in cancer treatment. Next Generation EU, PRIN 2022. Project code: 2022BAN3TB. Researcher inst. where grant is/was performed: University of Catania. Fund: 199.889,00 €

2023-2027 *Collaborator*. UNICE4U- European University for Customized Education- Call ERASMUS-EDU-2023-EUR-UNIV - G.A. n. 101124657 - Work Package 4, task 4 and 6. Inst. where grant is/was performed: University of Catania.

Contributions to International Expert Reports

Contributor, WHO Expert Committee on Drug Dependence: Forty-seventh report (2025). Contributed to the technical report on carisoprodol as an external collaborator.

Contributor, WHO Expert Committee on Drug Dependence: Forty-six report (2024). Contributed to the technical report on carisoprodol as an external collaborator.

Editorial and reviewer activities

Associate Editor in Supramolecular Chemistry section of Frontiers in Chemistry.

Collection Editor for Feature Papers in Molecular Informatics of International Journal of Molecular Sciences.

Project application Reviewer for Worldwide Cancer Research - Peer Review (24-0339).

Editorial Board Member for Future Pharmacology

Teaching activities

2015/2016 Supervisor of Miss Teresa Basile MSc thesis "Synthesis of piperazinones fused to [1,2,5]thiadiazoles from alkenyl sulphamates" University of Catania

2016/2017 Supervisor of Miss Cristina Parisi MSc thesis "Design and synthesis of reverse transcriptase inhibitors with amino acid structure" University of Catania

2016/2017 Supervisor of Miss Ambra Spampinato MSc thesis "Fatty acid binding proteins inhibitors as therapeutic agent for metabolic and inflammatory diseases" University of Catania

2017/2018 Supervisor of Mr Vincenzo Patamia MSc thesis "Gamma-Cyclodextrins as catalysts for the synthesis of 2-methyl-3,5-diarylisoaxazolidines in water" University of Catania

2018/2019 Teaching Assistant in Organic Chemistry course, Department of Drug Science University of Catania

10/2019 Lab Demonstrator. Required to teach students new lab techniques and relevant theory of FT-IR, King's College London, MSc Analytical Toxicology

11/2019 Lab Demonstrator. Required to teach students new lab techniques and relevant theory of HPLC and NMR, King's College London, MSc Pharmaceutical Sciences

5/11/2019 NMR Workshop to the participants of the Bolashak Bespoke Programme in Forensic Sciences - King's College London

09/2019-12/2019 Supervision of two MPharm project students, King's College London

09/2020-12/2020 Supervision of one MPharm project student for the MPharm degree, Department of Pharmacy - King's College London

04/2021-11/2021 Mentor of Mariacristina Failla (visiting PhD student) Erasmus+ from University of Turin at King's College London

10/2021-04/2022 Mentor of Maria Grazia D'Anna (visiting Master student) Erasmus+ from University of Naples Federico II at King's College London

2020/2023 Chemical Properties & Classes for MSc Analytical Chemistry for Forensic Science and Toxicology (7MRFFS01). Faculty of Life Sciences & Medicine, King's College London

2020/2023 Chemistry Tutorial Workshop for MSc Analytical Chemistry for Forensic Science and Toxicology (7MRFFS01). Faculty of Life Sciences & Medicine, King's College London

2020/2023 Stereochemistry and Biological Activity for MSc Analytical Toxicology, Biochemical Toxicology (7BBFA007). Faculty of Life Sciences & Medicine, King's College London

2021/2025 Physical Methods in Organic Chemistry, MSc Chemistry and Pharmaceutical Technologies. Department of Drug and Health Sciences. University of Catania

2022/2025 Board member of the PhD in BIOTECHNOLOGY - DOT1708221 of the University of Catania, Responsible Coordinator De Pinto Vito Nicola

2022/2025 Co-Tutor of Alessandro Coco for the PhD in BIOTECHNOLOGY - DOT1708221 of the University of Catania

2023/2025 Principles of Organic Chemistry, BS Applied pharmaceutical sciences. Department of Drug and Health Sciences. University of Catania

2023/2025 Organic Chemistry, BS Biotechnology. Department of Biomedical and Biotechnological Sciences. University of Catania

2023/2026 Tutor of Erika Saccullo for the PhD in BIOTECHNOLOGY - DOT1708221 of the University of Catania

Communications

2015 Synthesis of 4-[[[(3R,3aR)-1,1-dioxido-6-oxohexahydro-2H-[1,2,5]thiadiazolo [2,3-a]pyrazin-3-yl]methoxy}-butanhydroxamic acids as potential histone deacetylase inhibitors, C. Zagni, G. Floresta, M. A. Chiacchio, S.V. Giofrè, R. Romeo, G. Brogginì. XVI National conference on Pericyclic Reactions and Synthesis of Heterocycles and carbocycles Matera, Italy, 26–27 June 2015.

2015 Synthesis of N-Hydroxy-5-substituted-6-oxohexahydro-2H-[1,2,5]-thiadiazolo-[2,3-a]pyrazine-3-carboxamide-1,1-dioxides and 2-(4-substituted-5-oxo-1-sulfamoylpiperazin-2-yl)acethydroxamic Acids as Potential Histone Deacetylase Inhibitors, G. Floresta, C. Zagni, M. A. Chiacchio, S.V. Giofrè, R. Romeo, G. Brogginì. Challenges in Organic Synthesis: Efficient Processes for novel Applications XV Giornata Scientifica C.I.N.M.P.I.S. Napoli, December 11–12, 2015.

- 2016** Intramolecular oxidative palladium-catalyzed diamination reaction of alkenyl Sulfamates: synthesis of new histone deacetylase inhibitors, M. A. Chiacchio, G. Floresta, C. Zagni, G. Monciino, S.V. Giofrè, R. Romeo, G. Broggin. 15th RSC-SCI Joint Meeting on Heterocyclic Chemistry 12–15 May 2016, Taormina, Italy.
- 2016** Gamma-Cyclodextrin as an efficient catalyst for the synthesis of 2-methyl-3,5-diarylisoaxazolidines in water, Giuseppe Floresta, Carmen Talotta, Carmine Gaeta, Margherita De Rosa, Ugo Chiacchio, Placido Neri, Antonio Rescifina. 15th RSC-SCI Joint Meeting on Heterocyclic Chemistry 12–15 May 2016, Taormina, Italy.
- 2017** Supramolecularly organocatalyzed C-C bond formation under "on-water" conditions or inside nanocavities. M. De Rosa, P. La Manna, C. Talotta, C. Gaeta, A. Soriente, A. Rescifina, G. Floresta, P. Neri. 9th International Symposium on Nano & Supramolecular Chemistry 4–7 Sep 2017, Napoli, Italy.
- 2018** Potholing of the hydrophobic heme oxygenase-1 western region for the search of potent and selective imidazole-based inhibitors L. Salerno, E. Amata, G. Romeo, A. Marrazzo, G. Floresta, M.N. Modica, K.F. Greish, V. Sorrenti, A. Rescifina, V. Pittalà. Italian-Spanish-Portuguese Joint Meeting in Medicinal Chemistry MedChemSicily2018 July 17–20, 2018, Palermo, Italy.
- 2018** Cucurbit[7]uril as a supramolecular macrocycle for microwave assisted synthesis of 2-methyl-3,5-diarylisoaxazolidines in water. D. Gentile, G. Floresta, V. Patamia, A. Rescifina. XXXVIII Convegno Nazionale della Divisione di Chimica Organica della Società Chimica Italiana. 9–13 Sep 2018, Milano, Italy.
- 2019** La modellistica molecolare applicata ai recettori Sigma-1 e Sigma-2: un excursus. G. Floresta, D. Gentile, M. Dichiarà, E. Amata, A. Rescifina, A. Marrazzo. Società Chimica Italiana, Congresso Congiunto delle Sezioni Sicilia e Calabria 2019. 1–2 Mar 2019, Palermo, Italy.
- 2019** Cucurbit[7]uril: sintesi assistita da stampi molecolari ed applicazioni nelle reazioni di cicloaddizione 1,3-dipolare. V. Patamia, D. Gentile, G. Floresta, A. Rescifina. Società Chimica Italiana, Congresso Congiunto delle Sezioni Sicilia e Calabria 2019. 1–2 Mar 2019, Palermo, Italy.
- 2019** The interaction of synthetic cannabinoids and alcohol: an in-vitro evaluation. V. Abbate, O. Apirakkan, I. Gavrilovic, G. Floresta, C. Pierre, D. Cowan, L. Couchman. VI International Conference on Novel Psychoactive Substances. 8–9 April 2019, Maastricht, Netherlands.
- 2019** Development of NO-releasing sigma receptor hybrids as anticancer agents. M. Dichiarà, R. Acquaviva, A. La Mantia, C. Di Giacomo, E. Arena, G. Floresta, A. Marrazzo, E. Amata and O. Prezzavento. Paul Ehrlich Euro-PhD Network & MuTaLig COST Action meeting. 13–15 June 2019 Catanzaro, Italy.
- 2019** Self-Assembled nicotinic acid-based tetrahedral hosts as supramolecular catalysts: synthesis and first applications. G. Floresta, D. Gentile, V. Patamia, A. Rescifina. XXXIX Convegno Nazionale della Divisione di Chimica Organica della Società Chimica Italiana. 8–12 Sep 2019, Turin, Italy.

- 2019** Ligand Based Identification of FABP4 Inhibitors: Synthesis and Biological Screening. D. Gentile, G. Floresta, V. Patamia, A. Rescifina. XXXIX Convegno Nazionale della Divisione di Chimica Organica della Società Chimica Italiana. 8–12 Sep 2019, Turin, Italy.
- 2021** Imaging of c-Met aberrant cancers with Gallium-68 chelators for positron emission tomography. M. Failla, G. Floresta, V. Abbate. 7th International Electronic Conference on Medicinal Chemistry. Nov 2021.
- 2022** *Keynote Speaker* Imaging of c-Met and GLP-1 aberrant cancers with hydroxypyridinones Gallium-68 chelators for positron emission tomography. G. Floresta, M. Failla, V. Abbate. 4th International Webinar on Chemistry and Pharmaceutical Chemistry. March 11, 2022.
- 2022** *Keynote Speaker* From Iron to Gallium a journey into hydroxypyridinones chemistry. G. Floresta. Int Conference on Medicinal Chemistry and Drug Discovery (MCDD 2022). July 15-17, 2022 Chengdu, China.
- 2022** Functionalization of cyclodextrins for the adsorption of carbon dioxide. V. Patamia, C. Zagni, R. Fiorenza, S. Dattilo, G. Floresta, A. Rescifina. 20th INTERNATIONAL CYCLODEXTRIN SYMPOSIUM - GIARDINI NAXOS (ME). 13-17 June 2022.
- 2022** Three-component aza-darzens reaction catalysed by cyclodextrins in water. G. Floresta, V. Patamia, R. Tomarchio, I. Brullo, C. Zagni, A. Rescifina. XV Italian Conference on Supramolecular Chemistry 28th June 2022 – 1st July 2022, Salerno.
- 2022** Cyclodextrin based sponge for drug delivery. C. Zagni, A. Rescifina, G. Curcuruto, V. Patamia, G. Floresta, S. Carroccio. XL Convegno Nazionale della Divisione di Chimica Organica della Società Chimica Italiana (CDCO2022). 11-15 settembre 2022, Palermo.
- 2022** Cyclodextrin-Based Cryogels for Controlled Drug Delivery. C. Zagni, A. Coco, V. Patamia, G. Floresta, G. Curcuruto, K. Mangano, T. Mecca, A. Rescifina, S. Carroccio. 8th International Electronic Conference on Medicinal Chemistry. Nov 2022
- 2022** Pyridazin-3(2H)-one as new FABP4 inhibitors suggested by molecular growing experiments. G. Floresta, L. Crocetti, C. Zagni, A. Cilibrizzi. 8th International Electronic Conference on Medicinal Chemistry. Nov 2022
- 2022** In silico studies on recreational drugs: 3D-QSAR prediction of classified and de novo designer benzodiazepines. V. Catalani, G. Floresta, M. Botha, J.M. Corkery, A. Guirguis, A. Vento, V. Abbate, F. Schifano. IX international conference on novel psychoactive substances. 24–26 October 2022 Panama City.
- 2022** Aza-darzens reaction catalyzed by γ -CD-based cryogel in water. V. Patamia, G. Floresta, R. Tomarchio, G. Quattrocchi, C. Zagni, A. Rescifina. Convegno Congiunto delle Sezioni Calabria e Sicilia SCI. 1–2 December 2022 Reggio Calabria, Italy.
- 2022** *Plenary Lecture* A walk into hydroxypyridinone chemistry focusing on Iron and Gallium chelating properties. G. Floresta. Convegno Congiunto delle Sezioni Calabria e Sicilia SCI. 1–2 December 2022 Reggio Calabria, Italy.
- 2023** Aza-Darzens reaction in water catalysed by immobilized cyclodextrins. G. Floresta, V. Patamia, R. Tomarchio, G. Quattrocchi, C. Zagni, A. Rescifina. CINMPIS days 2023. 9-11 February 2023, Pisa, Italy.

- 2023** Advances and perspectives of cannabis research in medicinal chemistry, analysis and bioanalysis. O. Apirakkan, I. Gavrilović, G. Floresta, C. Pierre, A. Caninaert, C.P. Stove, P.I. Dargan, D.A. Cowan, L. Couchman, V. Abbate. Cannabis Chemistry Subdivision (CANN) of the American Chemical Society National meeting. 13-17 August 2023, San Francisco, CA, USA.
- 2023** Cryogel based on β -cyclodextrin and a maltol derivative for antimicrobial applications. V. Fuochi, C. Zagni, S. Furnari, V. Patamia, G. Floresta, A. Rescifina, P. M. Furneri. Congresso Nazionale della Società Italiana di Microbiologia (SIM) 24-27 Settembre 2023, Cagliari.
- 2023** Nanostructured β -cyclodextrin-maltol porous material for antimicrobial applications. V. Patamia, C. Zagni, V. Fuochi, S. Dattilo, S. Furnari, P. M. Furneri, G. Floresta, A. Rescifina. XLI Convegno Nazionale della Divisione di Chimica Organica della Società Chimica Italiana (CDCO2023). 10-14 settembre 2023, Roma.
- 2023** Promise and limits of cyclodextrins as drug delivery systems for MEDS433. A. Piperno, A. Mazzaglia, A. Scala, R. Oliva, A. Rescifina, G. Floresta, M. T. Sciortino, G. Gribaudo, M. L. Lolli. 7th European Cyclodextrin Conference. 5-8 September 2023, Budapest.
- 2023** Sustainable sponge-like polymer as catalyst for CO₂ incorporation. C. Zagni, S. Dattilo, T. Mecca, V. Patamia, S. C. Carroccio, G. Floresta, A. Rescifina. 6th EuChemS Conference on Green and Sustainable Chemistry. 3-6 September 2023, Salerno.
- 2023** Development of PET imaging tracers for c-Met aberrant tumors using ⁶⁸Ga chelators. M. Failla, G. Floresta, V. Abbate. AMYC – BIOMED Autumn Meeting for Young Chemists in Biomedical Sciences. 16-18 October 2023, Florence, Italy.
- 2023** Porous material for antimicrobial applications based on *beta*-cyclodextrin and maltol derivative. V. Patamia, C. Zagni, V. Fuochi, S. Dattilo, P. M. Furneri, G. Floresta, A. Rescifina. The 4th International Electronic Conference on Applied Sciences. 27 October-10 November 2023
- 2023** Evaluation of ligand-based models on opioids receptors from street emerged hits. V. Catalani, V. Abbate, G. Floresta, F. Schifano. X International Conference on Novel Psychoactive Substances: 10 years of science in support of a safer and healthier society. 6-8 November 2023, Abu Dhabi.
- 2023** Bio-Based Material for Drug Delivery and Iron Chelation with Antimicrobial Activity. E. Saccullo, M. Camarda, V. Patamia, C. Zagni, R. Fiorenza, V. Fuochi, S. Dattilo, P.M. Furneri, A. Rescifina, G. Floresta. 9th International Electronic Conference on Medicinal Chemistry. Nov 2023
- 2023** Eco-Friendly Approach to Craft High-Demand Cyclic Carbonates for the Pharmaceutical Industry. E. Tomarchio, R. Turnaturi, V. Patamia, G. Floresta, A. Rescifina, C. Zagni. 9th International Electronic Conference on Medicinal Chemistry. Nov 2023
- 2023** Total bio-based material for drug delivery, iron chelation and the valorization of CO₂ using photothermocatalytic strategies. E. Saccullo, M. Camarda, R. Fiorenza, C. Zagni, V. Fuochi, S. Dattilo, P. M. Furneri, A. Rescifina, V. Patamia, G. Floresta. Convegno Congiunto delle Sezioni Sicilia e Calabria SCI. 11–12 December 2023 Palermo, Italy.

- 2023** Facile synthesis of cyclic carbonates via CO₂ incorporation into epoxides. E.G. Tomarchio, R. Turnaturi, S. Dattilo, V. Patamia, G. Floresta, A. Rescifina, C. Zagni. Convegno Congiunto delle Sezioni Sicilia e Calabria SCI. 11–12 December 2023 Palermo, Italy.
- 2024** Synthesis of an alginic/kojic acid biomaterial with multiple applications. V. Patamia, G. Floresta, E. Saccullo, V. Fuochi, F. Magaletti, C. Zagni, P. M. Furneri, V. Barbera, A. Rescifina. CINMPIS days 2024. 7-9 February 2024, Bari, Italy.
- 2024** *Invited Lecture* Hydroxypyranones and hydroxypyridinones: from imaging/biological uses to catalysis applications. G. Floresta, V. Patamia, E. Saccullo, M. Camarda, C. Zagni, A. Rescifina. CINMPIS days 2024. 7-9 February 2024, Bari, Italy.
- 2024** Novel electrochemical sensor for hydrogen peroxide detection based on a hexadentate tris(3-hydroxypyridin-4-one). E. Saccullo, V. Patamia, M. Failla, A. Ferlazzo, V. Abbate, A. Gulino, G. Floresta, A. Rescifina. Virtual Symposium for Young Organic Chemists 4-7 June 2024.
- 2024** *Invited Lecture* Exploring the Versatile Applications of Hydroxypyranone and Hydroxypyridinone Derivatives: From Metal Chelation to Radiopharmaceuticals and Beyond. G. Floresta. Thematic Workshop focus on the “Evaluation of cell/biomaterial interaction” organized in the framework of the PREDICTOS project (N. 101079372 — HORIZON-WIDERA-2021-ACCESS-03). 17-18 June 2024, Faenza, Italy.
- 2024** Bio-Based Materials for Combating Bacterial Infections: Functionalization of Halloysite Nanotubes and Alginic Acid. V. Patamia, E. Saccullo, V. Fuochi, F. Magaletti, S. Furnari, P. M. Furneri, V. Barbera, G. Floresta, A. Rescifina. Annual Meeting of the Italian Society for Biomaterials, SIB 2024. 8–10 July 2024 Faenza, Italy.
- 2024** *Invited Lecture, Junior Scientific Research Award 2024 "Organic chemistry for life sciences"* Exploring the Boundless Utility of Chelation Agents: From Therapeutics to Catalysis. G. Floresta. XXVIII National Congress of Società Chimica Italiana- 26-30 August 2024, Milan, Italy.
- 2024** Synthesis of Functionalized Trivalent Iron Chelators for Biocompatible Materials. E. Saccullo, V. Fuochi, F. Magaletti, S. Furnari, R. Fiorenza, P. M. Furneri, V. Barbera, A. Rescifina, V. Patamia, G. Floresta. II virtual symposium on pericyclic reactions and synthesis of carbo- and heterocyclic systems 28-29 Nov 2024.
- 2024** From Waste to Resource: A Polysaccharide-Based Composite for Converting VOCs into Valuable CO₂-derived Products. E. Saccullo, V. Patamia, A. Bifarella, A. Ferlazzo, C. Zagni, R. Fiorenza, A. Gulino, G. Floresta, A. Rescifina. Congresso Congiunto delle Sezioni Sicilia e Calabria della Società Chimica Italiana. Messina, 2-3 Dec 2024
- 2024** Designing of a Monolithic Photo-Fenton Catalyst from a Fungal Hydroxypyrene Derivative. E. G. Tomarchio, C. Zagni, V. Giglio, S. Dattilo, G. Floresta, S. C. Carroccio, A. Rescifina. Congresso Congiunto delle Sezioni Sicilia e Calabria della Società Chimica Italiana. Messina, 2-3 Dec 2024
- 2024** Kojic-Acid-Driven Innovation: Developing Biocompatible and Versatile Catalysts for Sustainable CO₂ Conversion. E. Saccullo, R. Fiorenza, G. Dativo, V. Fuochi, F. Magaletti, P. M. Furneri, V. Barbera, A. Rescifina, G. Floresta, V. Patamia. The 5th International Electronic Conference on Applied Sciences. 4-6 Dec 2024.

2025 *Invited Lecture*

Recent design and applications of chelators in cancer imaging and therapy. G. Floresta. STRIKE Winter school: Preclinical In Vivo Imaging. Vienna, 17-21 Feb 2025

Posters

2015

Synthesis of 1,1-dioxido-6-oxohexahydro-2H-[1,2,5]thiadiazolo [2,3-a]- pirazin-2-yl hydroxamic acids as potential histone deacetylase inhibitors. G. Floresta, C. Zagni, M. A. Chiacchio, A. Corsaro, U. Chiacchio, G. Brogginì. 16th Tetrahedron Symposium, Challenges in Bioorganic & Organic Chemistry 16–19 June 2015, Berlin, Germany.

2017

Resorcin[4]arene-Based Hexameric Capsule as Nanoreactor for 1,3-Dipolar Cycloadditions. P. La Manna, C. Talotta, C. Gaeta, A. Soriente, A. Rescifina, G. Floresta, M. De Rosa, P. Neri. 9th International Symposium on Nano & Supramolecular Chemistry 4–7 Sep 2017, Napoli, Italy.

2018

Targeting the hydrophobic heme oxygenase-1 western region for the identification of novel and selective azole-based inhibitors. M. Dichiara, M. Modica, C. Leonardi, F. Margani, V. Ciaffaglione, A. N. Fallica, G. Floresta, D. Gentile, J. Cosenza, V. Pittalà. Congresso Congiunto delle Sezioni Sicilia e Calabria SCI 2018. 9–10 Feb 2018, Catania, Italy.

2018

The Hexameric Resorcinarene Capsule as Nanoreactor for the Catalysis of Friedel-Crafts Reactions. P. La Manna, C. Talotta, G. Floresta, M. De Rosa, A. Soriente, A. Rescifina, C. Gaeta, P. Neri. 2nd Meeting on Porous Molecular Solids (PoMoS). Vietri sul Mare, 6–8 June 2018.

2018

Friedel-Crafts Reaction Promoted by Hexameric Resorcinarene Capsule. P. La Manna, C. Talotta, G. Floresta, M. De Rosa, A. Soriente, A. Rescifina, C. Gaeta, P. Neri. XXXVIII Convegno Nazionale della Divisione di Chimica Organica della Società Chimica Italiana. 9–13 Sep 2018, Milano, Italy.

2018

Rosmarinic acid amides: synthesis, α -glucosidase inhibition and enzyme binding mode. N. Cardullo, G. Catinella, G. Floresta, S. Rosselli, A. Rescifina, M. Bruno, C. Tringali. 12th World Congress on Polyphenols Applications: Bonn Polyphenols 2018. 25–28 Sep 2018, Bonn, Germany.

2019

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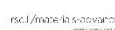
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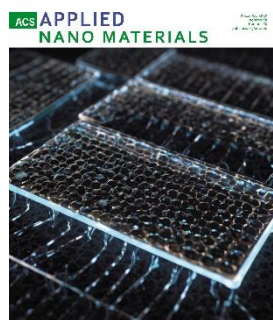


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