



Gianluca Farinola

Full Professor of Organic Chemistry
University of Bari "Aldo Moro"

PROFESSIONAL PROFILE

- Past President of the Italian Chemical Society (SCI), Rome, Italy
- Member of the European Chemical Society (EuChemS) Executive Board, 2026–2029
- Adjunct Professor, Department of Biomedical Engineering, Tufts University, Boston, USA
- Chemistry Europe Fellow; Fellow of the European Academy of Sciences
- Member of Academia Europaea and of the Istituto Lombardo Accademia di Scienze e Lettere

EDUCATION AND TRAINING

1997	Ph.D. in Chemical Sciences, University of Bari.
1992	M.Sc. in Chemistry, University of Bari, summa cum laude.

ACADEMIC APPOINTMENTS

2019–2025	Rector's Delegate (Pro-Rector) for Research and Innovation, University of Bari "Aldo Moro".
Dal 2019	Adjunct Professor, Department of Biomedical Engineering, Tufts University, Boston, USA.
Dal 2015	Full Professor of Organic Chemistry, Department of Chemistry, University of Bari.
2014	Italian National Scientific Habilitation for Full Professorship in three disciplines: Organic Chemistry, Industrial Chemistry, and Chemical Foundations of Technologies.
2010	Habilitation for Full Professorship in Organic Chemistry, University of Turin.
2002–2015	Associate Professor of Organic Chemistry, Department of Chemistry, University of Bari.
1996–2002	Assistant Professor of Organic Chemistry, Department of Chemistry, University of Bari.

OTHER PROFESSIONAL APPOINTMENTS

2026–2028	Member of the Technical and Scientific Committee of the Istituto di Ricerche Tecnopolo Mediterraneo per lo Sviluppo Sostenibile.
2024–2027	Member of the Board of Directors of APRE, the Italian Agency for the Promotion of European Research.
2024	Member of the Board of Guarantee of the Just Transition Fund for the Taranto area, the EU fund supporting the reconversion of territories.
2019–2022	Member of the Scientific Committee of the Department of Chemical Sciences and Materials Technology of CNR, the Italian National Research Council.

2016–2018	Consultant to the Italian Parliamentary Committee of Inquiry of the Chamber of Deputies and Senate of the Republic on illegal activities connected with the waste cycle and related environmental offences.
Dal 2008	Co-founder and member of the Board of Directors of SYNCHIMIA S.r.l., a spin-off company of the University of Bari established in November 2008.

ITALIAN CHEMICAL SOCIETY AND EUROPEAN CHEMICAL SOCIETY

2026–2029	Member of the EuChemS Executive Board.
2023–2025	President of the Italian Chemical Society (SCI).
2020–2022	Vice President of the Italian Chemical Society (SCI).
Dal 2023	President of the Chemistry Europe journals ChemBioChem and ChemMedChem.
Dal 2022	Member of the Chemistry Europe Council, the publishing association of 16 European chemical societies that publishes 21 scholarly journals with Wiley.
2018–2021	President of the EuChemS Division of Organic Chemistry.
2017–2019	President of the SCI Division of Organic Chemistry.
2014–2017	Italian representative, Secretary and Treasurer of the EuChemS Division of Organic Chemistry.
2011–2016	Member of the Committee of the SCI Division of Organic Chemistry.
2005–2010	Member of the SCI Regional Committee for Apulia.
2002–2003	Member of the Constituent Committee of the SCI Young Group.

VISITING PROFESSORSHIP

2026	Visiting Professor Universidad de Buenos Aires (UBA), Facultad de Farmacia y Bioquímica Buenos Aires, Argentina
2024	Visiting Professor Université Paris Cité, laboratorî ITODYS Paris, France
2018, 2017	Visiting Scholar Department of Biomedical Engineering, Tufts University Medford/Boston, USA
2015	Invited Visiting Professor Moltech Anjou CNRS, University of Angers Angers, France
2014, 2013	Invited Professor Institut de Science et d'Ingénierie Supramoléculaires, University of Strasbourg Strasbourg, France
2009	Visiting Professor, University of Münster Münster, Germany

SELECTED AWARDS AND HONOURS

2025	Appointed Member of Academia Europaea.
2024	Appointed Fellow of the European Academy of Sciences.

2023	Appointed Corresponding Member of the Istituto Lombardo Accademia di Scienze e Lettere.
2019	Appointed Chemistry Europe Fellow, Class of 2018/2019.
2019	Highlight Profile published by Chemistry Views (Chemistry Europe).
2018	Anassilaos “Megale Hellas” Award.
2013	Speaker at the Bürgenstock Conference.
2008	“Innovation in Organic Synthesis Award”, Interuniversity Consortium CINMPIS.
2003	“Ciamician Medal” of the Italian Chemical Society for young researchers.

INTERNATIONAL ADVISORY COMMITTEES AND CONFERENCE ORGANIZATION

2025	President of the International Advisory Board of ESOC, the European Symposium on Organic Chemistry.
2024	Chair of the Scientific Committee of the XXVIII National Conference of the Italian Chemical Society.
2023	Co-chair of ECME, the European Conference on Molecular Electronics.
2019–2024	Member of the Scientific Committee of e-WISPOC, the European Winter School on Physical Organic Chemistry.
2020	Member of the International Advisory Board of the European Journal of Organic Chemistry (Wiley).
2019	Member of the International Advisory Board of the Ischia Advanced School on Organic Chemistry (IASOC).
2011–2019	Member and, in 2018-2019, Chair of the Scientific Committee of the annual national conferences of the SCI Division of Organic Chemistry.
2014–2018	Member of the Scientific Committee of three editions of the Spanish-Italian Symposium on Organic Chemistry (SISOC X, XI and XII).
2014–2022	Symposium Chair for CIMTECH 2014, 2018 and 2022, and for the 6th, 8th and 9th Forum on New Materials.
2015–2022	Co-chair of three symposia at the MRS Fall Meeting in Boston.
2016	Co-chair of the symposium Orbitaly 2016 - Organic Bioelectronics in Italy.
2016	Member of the Programme Committee of the European Optical Society Annual Meeting (EOSAM).
2013	Co-director of the XIII International Krutyń Summer School, Poland.
2012	Chair of the FUTURMAT II International Conference.

THESIS SUPERVISION AND POSTGRADUATE MENTORSHIP

Mentor to more than 120 early-career collaborators: approximately 70 undergraduate students, 30 Ph.D. students and 20 postdoctoral researchers. Former mentees have progressed to a wide range of positions, including faculty appointments at the Universities of Pisa, Parma, Angers and Tufts, positions at CNR, roles in major chemical and pharmaceutical companies, and public service as chemists in organizations such as environmental agencies and the military.

COORDINATION OF NATIONAL AND INTERNATIONAL PROJECTS

Recent projects as Principal Investigator of research units

- Italian Ministry of University and Research (MUR), DD 307, PN Research, Innovation and Competitiveness: Action 1.1.2 – “Innovation in Medicine for Personalized Care and Therapies”, code 2676_QIIR112_00067; Action 1.1.3b – “The Southern Technopole for Personalized Medicine”, code 2676_QIIR113b_00066 (2026–2029).
- ITN project GREENS – Responsible microrobots, H2020-MSCA-ITN-2023; start 2024, duration 48 months.

- PRIN national project “PhOLcs – Photosynthesis for Organic Light-Powered Electronics” (2024-2026)
- NRRP Extended Partnership 04, Quantum Science and Technology (PE 0023): National Quantum Science and Technology Institute (2023-2026).
- PSC Health 2014-2020, Trajectory 4 – Biotechnology, Bioinformatics and Pharmaceutical Development: Life Science Hub, Apulia Region; start 2023, duration 36 months.
- ITN project BEEP – Bio-inspired and bionic materials for enhanced photosynthesis, H2020-MSCA-ITN-2019; start 1st January 2020, duration 48 months.
- HyPhOE – Hybrid Electronics based on Photosynthetic Organisms, H2020 FETOPEN-2016-2017; start 1 September 2018, duration 36 months.
- National project PMGB on mechatronic, genomic and bioinformatics platforms for high-tech oncology, PON Research and Innovation 2014-2020 (2018-2020).
- National project BIOMIS on microbiota biobanking, PON Research and Innovation 2014-2020 (2018-2020).
- XF-ACTOR – Xylella Fastidiosa Active Containment Through a Multidisciplinary-Oriented Research Strategy, project ID 727987, H2020-SFS-2016-3; 2017, duration 48 months.

Projects as Scientific Coordinator

- PRIN Italian national project “Aqueous processable polymers for plastic solar cells: from materials to photovoltaic modules” (AQUASOL), 2014-2017.
- Industrial research project funded by ENI: “Production of photoactive polymers for photovoltaic cells, production of aromatic intermediates for the synthesis of conjugated polymers and modified fullerenes, and optimization of metal-free dyes for DSSC cells” (2012-2015).
- PRIN Italian national project “Innovative materials for organic and hybrid photovoltaics” (2011-2013).
- PRIN Italian national project “Organic materials for photovoltaics and electroluminescence: design, synthesis, evaluation” (2008-2010).
- Italian-German bilateral Vigoni project “Self-assembling of polymers and organometallic complexes for (electro)luminescent materials” (2006-2007).

INDUSTRIAL COLLABORATIONS

Gianluca Farinola has led several projects and contracts funded by companies including Philips (Eindhoven and Aachen), Ciba Specialty Chemicals (Bologna), Pirelli Labs (Milan), Bridgestone (Rome) and ENI (Novara).

MAIN TEACHING ACTIVITIES

Bachelor's and Master's degree programmes

- Advanced Organic Chemistry (Chemistry degree programme – second cycle).
- Organic Chemistry (Chemistry degree programme – first cycle).
- Organic Chemistry and Laboratory (Biotechnological Sciences degree programme – first cycle).
- Physical Methods in Organic Chemistry (Environmental Sciences degree programme – first cycle).
- Organic Material Devices (Materials Science degree programme – first cycle).
- Chemistry of Organic Materials (Master's degree programmes in Chemical Sciences and in Chemistry and Technology of Materials – second cycle).
- Chemistry of Marine Pollutants (Environmental Sciences degree programme – first cycle)

Ph.D. programmes and specialization schools

- Industrial Organic Chemistry (Specialization School in Biotechnological Applications).
- MALDI-TOF Mass Spectrometry (Ph.D. programmes in Chemical Sciences and Chemistry of Materials).
- Conjugated compounds for photonics and electronics (Ph.D. programmes in Chemical Sciences and Chemistry of Materials).
- Advanced course on the synthesis and characterization of organic compounds (Ph.D. programmes in Chemical Sciences and Chemistry of Materials).
- Teaching methods in Organic Chemistry (specialization school for upper-secondary-school teachers).

- Laboratory teaching methods in Organic Chemistry (specialization school for upper-secondary-school teachers).

OUTREACH AND COMMUNICATION

Gianluca Farinola has taken part in numerous interviews for popular-science magazines, radio and television, both as a researcher and as President of scientific societies. His outreach activities include articles in national newspapers and videos on YouTube. He is also highly active on the social-media channels of chemical societies.

Selected interviews and media

- https://www.chemistryviews.org/new_president_of_the_italian_chemical_society/
- https://www.chemistryviews.org/details/ezone/11144950/Great_People_Dont_Need_to_Show_Off.html
- <https://www.raiplaysound.it/audio/2024/03/Caterpillar---La-Societa-Chimica-Italiana-aderisce-a-Millumino-di-Meno-091935b8-23e0-48bf-a7e5-85f2d05e2c72.html>
- <https://www.youtube.com/watch?v=yLagcjrmLE4>