

PERSONAL INFORMATION

Monica Nardi



University "Magna Graecia" of Catanzaro
Department of Health Sciences,
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88100 Catanzaro (Italy)



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Sex female | Date of birth 19/08/1975 | Nationality italiana

Enterprise	University	EPR
☐ Management Level	☐ Full professor	☐ Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
☐ Mid-Management Level	☒ Associate Professor	☐ Level III Researcher and Technologist
☐ Employee / worker level	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

2020 to present	Associate Professor in Organic Chemistry Department of Health Sciences, University "Magna Graecia" of Catanzaro, Germaneto, Catanzaro, Italy	EQF 7 level
2020 to 2029	Italian qualification to Ful Professor in Organic Chemistry	
2020 to present	Assistant Professor in Introduction to Chemistry (4 CFU) at School of Pharmacy – CdS Biotechnology – "Università degli Studi Magna Graecia" of Catanzaro	
2019 to present	Assistant Professor in Biotechnology in Imaging, Forensics and Food Fraud (2 CFU) at School of Pharmacy – CdS Biotechnology – "Università degli Studi Magna Graecia" of Catanzaro	
2019 to present	Assistant Professor in Organic Chemistry (2 CFU) at School of Pharmacy – CdS Biotechnology – "Università degli Studi Magna Graecia" of Catanzaro	
2018 to 2021	Member of the CdS in Biotechnology – "Università degli Studi Magna Graecia" of Catanzaro	
2018 to 2021	Assistant Professor in Organic Chemistry Department of Health Sciences, University "Magna Graecia" of Catanzaro Germaneto Catanzaro, Italy	
2018 to present	Member of the Ph. D Teaching Board in Health Science- XXXIV Cycle- School of Pharmacy - Università degli Studi Magna Graecia" of Catanzaro	
2015 to 2018	Assistant Professor in Organic Chemistry Department of Health Sciences, University San Raffaele, Roma, Italy	
2015 to 2018	Assistant Professor in Chemistry and Biochemistry (8 CFU) CdS Food Science and Gastronomy, University San Raffaele, Roma, Italy	
2015 to 2018	Assistant Professor in Organic and Inorganic Chemistry (8 CFU) CdS Food Science and Gastronomy, University San Raffaele, Roma, Italy	
2008 to 2016	Assistant Professor in Organic Chemistry and Organic Chemistry Laboratory (8 CFU) CdS Science Material, University of Calabria, CS, Italy	
2015 to 2016	Assistant Professor in Organic Chemistry with Elements Of Biochemistry (8 CFU) CdS Science Natural, University of Calabria, CS, Italy	
2014 to 2015	Visiting Lectur in Organic Chemistry School of Pharmacy- London-Uk	
2010 to 2013	Assistant Professor in Organic Chemistry, (8 CFU) CdS Biological Sciences and Technologies, University of Calabria, CS, Italy	
2010 to 2012	Assistant Professor in Organic Chemistry, (8 CFU) CdS Geological Sciences	

2010 to 2012	University of Calabria, CS, Italy Assistant Professor in Phyto-Drugs And Additives in Chemistry, (8 CFU) CdS Chemistry University of CALABRIA, CS, Italy
2010 to present	Co-supervision of 4 PhD Students and 12 MD Students Tutor in Organic Chemistry at the CdS in Chemistry
2005 to 2015	University of CALABRIA, CS, Italy
2005 to 2014	Assistant Professor in Organic Chemistry Department of Chemistry, University of Calabria, CS, Italy
2002 to 2012	Assistant Professor in Laboratory of Organic Chemistry, (8 CFU) CdS Chemistry University of Calabria, CS, Italy

- INTERNATIONAL RESEARCH COLLABORATION

EQF 7 level

- Department of Pharmaceutics UCL School of Pharmacy London UK
- Unidad de Glicobiología, Instituto de Biocomputación y Física de Sistemas Complejos (BIFI) Universidad de Zaragoza Zaragoza Spain
- Departamento de Síntesis y Estructura de Biomoléculas, Instituto de Síntesis Química y Catálisis Homogénea (ISQCH) Universidad de Zaragoza Zaragoza Spain
- Facultad de Ciencias Químicas, Departamento. Química Orgánica. ICYTAC, CONICET and Universidad Nacional de Córdoba Córdoba Argentina
- Instituto de Investigação do Medicamento (iMed.Ulisboa) Faculty of Pharmacy, Universidade de Lisboa, Lisboa Portugal
- Faculty of Pharmacy, Ovidius University of Constanta, Campus Constanza Romania Institute of Organic Chemistry with Centre of Phytochemistry Bulgarian Academy of Sciences Sofia Bulgaria

NATIONAL RESEARCH COLLABORATION

- Department of Pharmaceutical Science and Technology, University of Torino, Italy
- Department of Pharmacy and Health and Nutrition Sciences, University of Calabria CS, Italy
- Department of Chemistry and Chemical Technologies, University of Calabria CS, Italy
- Department of Environmental and Land Engineering and Chemical Engineering, University of Calabria CS Italy
- CREA Research Centre for Olive, Citrus and Tree Fruit Rende Italy
- Institute on Membrane Technology, ITM-CNR University of Calabria CS, Italy
- Department of Environmental and Territory Engineering and Chemical Engineering, University of Calabria, CS, Italy

EDUCATION AND TRAINING

23-March-2001	Degree scientific maturity in Chemistry, University of Calabria, Arcavacata di Rende, CS, Italy
15- December-2005	PhD in Organic Chemistry, XVI CICLO/ SSD: CHIM06 University of Calabria, Arcavacata di Rende, CS, Italy
2005 to 2014	Assistant Professor in Organic Chemistry, Department of Chemistry, University of Calabria, Arcavacata di Rende, CS, Italy
2003 to present 2011	MEMBER OF THE ITALIAN CHEMICAL SOCIETY QUALIFICATION FOR THE PROFESSION OF CHEMISTRY, I session of the 2011, University of Calabria, CS, Italy
10-2014 to 08-2015	Visiting Lectur in Organic Chemistry School of Pharmacy- London-Uk
10-2015 to 10-2018	Assistant Professor in Organic Chemistry Department of Health Sciences, University San Raffaele, Roma, Italy
10-2018 to 10-2021	Assistant Professor in Organic Chemistry Department of Health Sciences, University "Magna Graecia" of Catanzaro Germaneto, 88100 Catanzaro (Italy)
10-2021 to present	Associate Professor in Organic Chemistry Department of Health Sciences, University "Magna Graecia" of Catanzaro Germaneto, 88100 Catanzaro (Italy)

WORK ACTIVITIES

Awards

EXPERT RESEARCHER IN ENVIRONMENTAL MONITORING TECHNIQUES through innovative techniques at the Ministry of Public Education at Nautilus Cooperative Society, CRESCo.MA Research Project, Research Center of Excellence for Experimentation and definition of new analytical systems for the control of environmental and food matrices. (Internship at the University of Siena on innovative analytical techniques for environmental monitoring)

Awards Editorial activity

EDITORIAL BOARD for MOLECULES, Journal Editorial Board, Section Green Chemistry
Guest Editor in Special Issue "Advanced Methods for Catalytic/Sustainable Amide or Peptide Formation" CATALYST, MDPI.

Guest Editor in Special Issue " Green and Sustainable Solvents II: A Themed Issue in Honor of Professor Giovanni Sindona on the Occasion of His 70th Birthday) " MOLECULES, MDPI

Guest Editor in Special Issue "Green and Sustainable Solvents III MOLECULES, MDPI

Guest Editor in Special Issue "Biomass and its synthetic derivatives as sources of new biomaterials and drug candidates". Frontiers in Chemistry

Reviewer for: Antioxidant, Molecules, Catalyst, Food Chemistry, ChemSusChem, ACS Sustainable Chemistry & Engineering, ACS Medicinal Chemistry Letters, Bioorganic Chemistry, ChemistryEurope, Green Chemistry Letters, Journal of Chemical Technology & Biotechnology, Mediterranean Journal of Chemistry, Letters in Organic Chemistry, RSC Advances.

Invited international presentations

INVITED LECTURE INTERNATIONAL CONFERENCE, Title conference: Green processes in the synthesis of pharmaceutical intermediates and products. Simposio Nacional de Química Orgánica (SINAQO) **Argentina, November 15-18, 2021**

INVITED LECTURE INTERNATIONAL CONFERENCE- Title conference: Sustainable chemistry in extraction and derivatization of natural compounds – Constanta –**Romania; May 16-18, 2019**

INVITED LECTURE INTERNATIONAL CONFERENCE- Title conference "Síntesis one-pot de n-glicosulfonamidas promovida por $\text{Er}(\text{OTf})_3$. reacciones de azaglicosilación de Ferrier "XX SIIMPOSIO NACIONAL DE QUÍMICA ORGÁNICA, Mar del Plata, Buenos Aires, **Argentina, 11-14 November 2015**. N. atti: SO-100, pag. 127

INVITED LECTURE INTERNATIONAL CONFERENCE- Title conference " El rol de $\text{Er}(\text{OTf})_3$ como catalizador en la síntesis selectiva de derivados del anillo benzimidazol" XX SIIMPOSIO NACIONAL DE QUÍMICA ORGÁNICA, Mar del Plata, Buenos Aires, **Argentina, November 11-14 2015**. N. atti: SO-95, pag. 126

INVITED LECTURE INTERNATIONAL CONFERENCE- Title conference "Green chemistry & catalysis for sustainable organic synthesis of nutraceuticals, International Symposium **GREEN CHEMISTRY, May 3-7 2015 La Rochelle Francia**, N. 911

INVITED LECTURE INTERNATIONAL CONFERENCE- Title conference "Eco-Friendly Protocol For Ferrier Azaglycosylation Promoted By $\text{Er}(\text{OTf})_3$ In 2-MeThf International Symposium **GREEN CHEMISTRY, May 3-7 2015 La Rochelle Francia**, N. 919

INVITED LECTURE INTERNATIONAL CONFERENCE- Title conference "Aqueous mw eco-friendly protocol for amino group protection" **INTERNATIONAL SYMPOSIUM GREEN CHEMISTRY, Maggio 3-7 2015 La Rochelle Francia**, N. 920

International Patents

Procopio A; Sindona G; Gaspari M; Costa N; Nardi M "Chemical-Catalytic Method For The Peracylation of Oleuropein And Its Products Of Hydrolysis" PCT/IT2008/000303

ADDITIONAL INFORMATION

Publications

220 publications

110 publications in peer-review international journals

1 publication in peer-review national journal

1 international patent

3578 Citations

37 h-index:

ID: <https://orcid.org/0000-0001-6617-9320>

Selection of the Best 20 Publications:

1. Mazzei, R., Bazzarelli, F., Terholsen, H., Nardi, M., Piacentini E., Procopio, A., Bornscheuer, U.T., Giomo, L. Triple Enzymatic Cascade Reaction to Produce Hydroxytyrosol Acetate from Olive Leaves Using Integrated Membrane Bioreactors **ChemSusChem**, 2024, e202401707. <https://doi.org/10.1002/cssc.202401707>. I.F.: **8.400**
2. Nardi, M., De Luca, G., Novelli, P., Oliverio, M., Romano, S., Procopio, A., **Green Chem.**, 2023, 25, 3208-3213. I.F.: **11.034**
3. Oliverio, M., Nardi, M., Di Gioia, M.L., Costanzo, P., Bonacci, S., Mancuso, S., Procopio, A. Semi-synthesis as a tool for broadening the health applications of bioactive olive secoiridoids: A critical review **Natural Product Reports**, 2021, 38(3), 444–469. I.F.: **13.423**
4. Bonacci, S., Di Gioia, M.L., Costanzo, P., Maiuolo, L., Tallarico, S., Nardi, M. Natural deep eutectic solvent as extraction media for the main phenolic compounds from olive oil processing wastes, **Antioxidants**, 2020, 9(6), 1–14, 513 I.F.: **6.313**.
5. Mazzei, R.; Piacentini, E., Nardi, M., Poerio, T., Bazzarelli, F., Procopio, A., Di Gioia, M. L., Rizza, P., Ceraldi, R., Morelli, C., Giomo, L., Pellegrino, M. Production of Plant-Derived Oleuropein Aglycone by a Combined Membrane Process and Evaluation of Its Breast Anticancer Properties **Front. Bioeng. Biotechnol.**, 2020, 8, 908. I.F.: **5.89**
6. Juli, G., Oliverio, M., Bellizzi, D., Cantafio, M. E. G., Grillone, K., Passarino, G., Colica, C., Nardi, M., Rossi, M., Procopio, A., Tagliaferri, P., Tassone, P., Amodio, N. Anti-tumor activity and epigenetic impact of the polyphenol oleacein in multiple myeloma, **Cancers**, 2019, 11(7), 990. I.F.: **6.639**.
7. Costanzo P., Calandruccio C., Di Gioia M.L., Nardi M., Oliverio M., Procopio A. Multicomponent Reaction Exploiting Glycerol Carbonate Synthesis. **Journal Of Cleaner Production** 2018, 202, 504-509. I.F.: **9.297**
8. Costanzo P., Bonacci S., Cariati L., Nardi M., Oliverio M., Procopio, A. Simple and efficient sustainable semi-synthesis of oleacein [2-(3,4-hydroxyphenyl) ethyl (3S,4E) -4-formyl-3-(2-oxoethyl) hex-4-enoate] as potential additive for edible oils. **Food Chemistry** 2018, 245 410-414. I.F.: **7.514**.
9. Nardi M., Costanzo P., De Nino A., Di Gioia M.L., Olivito F., Sindona G., Procopio A. Water excellent solvent for the synthesis of bifunctionalized cyclopentenones from furfural. **Green Chemistry**, 19, 22, 2017, 5403-5411. I.F.: **11.034**
10. Nardi M., Bonacci S., Cariati L., Costanzo P., Oliverio M., Sindona G., Procopio A. Synthesis And Antioxidant Evaluation Of Lipophilic Oleuropein Aglycone Derivatives. **Food And Function** 2017, 8, 1 I.F.: **5.396**.
11. Oliverio M., Nardi M., Cariati L., Vitale E., Bonacci S., Procopio A. "On Water" Mw-Assisted Synthesis Of Hydroxytyrosol Fatty Esters. **Acs Sustainable Chem. Eng.** 2016, 4, 3, 661-665. I.F.: **8.198**.
12. Bartoli G, Dalpozzo R, Nardi M. Applications Of Bartoli Indole Synthesis. **Chemical Society Reviews**, 2014, 04, 4728-4750, I.F.: **33.383**
13. Nardi M., Bonacci, S., Procopio A., Biomimetic synthesis and antioxidant evaluation of 3,4-DHPEA-EDA [2-(3,4-hydroxyphenyl) ethyl (3S,4E)-4-formyl-3-(2-oxoethyl)hex-4-enoate] **Food Chemistry**, 2014, 162, 89-93 I.F.: **7.514**
14. M. Oliverio, P. Costanzo, S. Bonacci, M. Nardi, I. Rivalta, A. Procopio. Facile Ecofriendly Synthesis Of Monastrol And Its Structural Isomers Via Biginelli Reaction **Acs Sustainable Chem. Eng.**, 2014, 2 (5), 1228–1233. I.F.: **8.198**.
15. Procopio A, Costanzo P, Curini M, Nardi M, Oliverio M, Sindona G (2013). Erbium (III) Chloride In Ethyl Lactate As Smart Ecofriendly System For The Efficient And Rapid Stereoselective Synthesis Of trans-4,5-Diaminocyclopenten-2-Enones. **Acs Sustainable Chem. Eng.**, 2013, 1, 541-544. I.F.: **8.198**.
16. A. Procopio, G. Cravotto, M. Oliverio, P. Costanzo, M. Nardi, R. Paonessa. An Eco-Sustainable Erbium (III)-Catalysed Method for Formation/Cleavage of O-tert-butoxy carbonates. **Green Chem.**, 2011, 13, 436-443. (I.F. 10.182)
17. A. Procopio, S. Alcaro, M. Nardi, M. Oliverio, F. Ortuso, P. Sacchetta, D. Pieragostino, G. Sindona. Synthesis, Biological Evaluation, and Molecular Modeling of Oleuropein and Its Semisynthetic Derivatives as Cyclooxygenase Inhibitors. **J. Agric. Food Chem.**, 2009, 57, 11161–11167. (I.F. 5.279)
18. A. Procopio, G. De Luca, M. Nardi, M. Oliverio, R. Paonessa. General MW-assisted grafting of MCM-41: Study of the dependence on time dielectric heating and solvent. **Green Chem.**, 2009, 11, 770-773, (I.F.: 11.034)
19. Procopio A., Das G., Nardi M., Oliverio, M., Pasqua, L.; A Mesoporous Er (III)-MCM-41 Catalyst for the Cyanosilylation of Aldehydes and Ketones under Solvent-free Conditions. **ChemSusChem**, 2008, 1, 916-919, doi: 10.1002/cssc.200800183. (I.F. 8.928)
20. Procopio A, R. Dalpozzo, A. De Nino, L. Maiuolo, M. Nardi, B. Russo (2005). Synthesis Of Acetonides From Epoxides Catalyzed By Erbium (III) Triflate. **Advanced Synthesis & Catalysis**, Vol. 347, P. 1447-1450. I.F.: **5.851**
21. G. Bartoli, R. Dalpozzo, A. De Nino, L. Maiuolo, M. Nardi, Procopio A, Tagarelli A. Per-O-acetylation of Sugars Catalyzed by Ce(OTf)₃. **Green Chemistry**, 2004, vol. 6, p. 191-192 (I.F.: 11.034)

**SCIENTIFIC
RESPONSIBILITY
FOR INTERNATIONAL
AND NATIONAL
RESEARCH
PROJECTS**

1. Head of the research unit of the project entitled "Waste Innovative Technological Conversion on Heterogeneous catalysts towards Sustainability (WITCHeS)" PRIN 2022.
2. Participant in the research project entitled "From Earth to hEaLTH- Biofortification of plants for a sustainable, safe and nutritious diet and a healthier future- the FEELTH PROJECT". PRIN PNRR 2022
3. PROJECT PON 2000 2006 "Research and Technological Development Higher Education - Measure II.1, Action a "Strengthening of the Southern Scientific System" - prog. n. 2045/95 "from 01-01-2000 to 01-01-2006
4. PROJECT " Research and Innovation for Olive Growing Southern (RIOM) ". Enhancement of the olive tree supply chain. Quality, health and well-being. Area of research N ° 4, Action N ° 2. Agronomic reuse of pomace and vegetation waters. 2006-2008. OTHER RESEARCH UNITS INVOLVED: CRA BARI, CRA PESCARA, CRA SPOLETO, CRA COSENZA, UNIVERSITY OF POTENZA, BARI, ROME, NAPLES, FLORENCE, PERUGIA, PALERMO, CAGLIARI, FOGGIA, REGGIO CALABRIA. inferable from the research product M. Nardi et al. Food Chemistry 162 (2014) 89–93. from 01-09-2005 to 30-06-2009
5. Quasiora PROJECT 2009-2012. APQ Scientific research and technological innovation in the Calabria Region - I supplementary act - Agri-food sector - Action 2 "Public Laboratories of Inter-supply mission oriented research. PARTICIPATING BODIES: UNIVERSITY OF CALABRIA, UNIVERSITY OF REGGIO CALABRIA, UNIVERSITY OF CATANZARO. inferable from the following research products: 1) Anal. Chem. 2011, 83, 1990-1995; 2) CURRENT MEDICINAL CHEMISTRY, 2012, vol. 19, 4006-4013. 3) J. Mass Spectrom. 2012, 47, 1242–1246. 4) International Journal of Mass Spectrometry 352 (2013) 87–91 M. 5) Food Chemistry 162 (2014) 89–93. from 14-10-2009 to 31-12-2012
6. PRIN 2009. TITLE: PROTEOMICS QUANTITATIVE OF MICROPARTICLES USING SPECIFIC CHEMICAL PROBES MALDI MASS SPECTROMETRY. OTHER RESEARCH UNITS INVOLVED: UNIVERSITY OF PARMA, BOLOGNA, BARI AND ROME. Attestation from the research product: International Journal of Mass Spectrometry 352 (2013) 87–91 from 17-10-2011 to 17-10-2013

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

Catanzaro, Italy
September -2025