

Giulia Donadel, CV



Giulia Donadel, Ph.D. in Biochemistry, is Associate Professor at the University of Rome Tor Vergata at the Faculty of Medicine and Surgery. Since 2001 she is teaching General Pathology and Pathophysiology at the Course of Medicine and Surgery, Nurse, Physiotherapy. She is Director of master's degree in "Medical and Legal Aspects of Gambling Disorder and Responsible Gaming". She has occupied Academic appointment as Board Member of PhD College in "Experimental Physiopathology and Molecular Medicine" of University of Rome Tor Vergata (2003-2013); Board Member of the University of Rome Tor Vergata Scientific Committee (2004-2007); Representative of Assistant Professors at the School of Medicine and Surgery Council of the University of Rome Tor Vergata (2009-2018); Council Secretary of the Degree Course in Medicine and Surgery taught in Italian and taught in English-University of Rome Tor Vergata (2013-2021); Board Member of Central Guarantee Committee for Equal Opportunities, Enhancement of workers and health and against Discrimination (CUG) of the University of Rome Tor Vergata (2019-2022); Council Secretary of the Medicine and Surgery Faculty Committee of the University of Rome Tor Vergata (2019-2021); Member of Joint Commission of the Faculty of Medicine and Surgery of the University of Rome Tor Vergata (2018-2023). She has done research in the most outstanding Research Center in Italy (ex Sclavo Research Centre - Siena) and in Europe (The European Molecular Biology Laboratory (EMBL) – Heidelberg, DE) applying biochemistry and molecular biology to the study of cell cycle regulation, and, in United States, she has been Visiting Associate Professor for five years (1991-1995) at the Laboratory of Oral Medicine - National Institutes of Health, Bethesda, Maryland, studying immunology and pathophysiology of pancreatic beta cells. She is applying her scientific knowledge at the study of metabolism and the pathophysiology of diabetes mellitus and the cross over with neuro-immunological system. PI of blind peer reviewed National and Local Research Grants.

PUBLICATIONS

Author and co-author of International peer reviewed publications and participant and author of presentations in National and International Scientific Conferences (from Scopus Author ID: 6701730462: H-index: 19; 1,103 Citations), (from Web of Science ResearcherID: M-1900-2019; H-index: 18; 1,049 Citations), (from Google Scholar included peer reviewed published communications: H-index: 20; 1580 Citations; i10-index:33) <https://orcid.org/0000-0002-2454-5940>).

Peer Reviewer of International Journals:

Journals: Nutrients, Endocrines, International Journal of Environmental and Public Health, International Journal of Science, Molecular and cellular Endocrinology, Cells, Biomedicine and Pharmacotherapy, International Journal of Molecular

Science, Molecules, PlosOne, Pharmaceutics, Scientia Pharmaceutica, Tissue and Cell, Journal of Clinical Medicine.

1. [Patch-Based Far-Infrared Radiation \(FIR\) Therapy Does Not Impact Cell Tracking or Motility of Human Melanoma Cells In Vitro.](#)
Pacifici F, Chiereghin F, D'Orazio M, Malatesta G, Infante M, Fazio F, Bertinato C, **Donadel G**, Martinelli E, De Lorenzo A, Della-Morte D, Pastore D. *Curr Issues Mol Biol.* 2024 Sep 11;46(9):10026-10037. doi: 10.3390/cimb46090599. PMID: 39329951 **Free PMC article.**
2. [Multifractal Heart Rate Value Analysis: A Novel Approach for Diabetic Neuropathy Diagnosis.](#)
Coppola A, Conte S, Pastore D, Chiereghin F, **Donadel G**. *Healthcare (Basel).* 2024 Jan 17;12(2):234. doi: 10.3390/healthcare12020234. PMID: 38255121 **Free PMC article.**
3. [An Appraisal of the Oleocanthal-Rich Extra Virgin Olive Oil \(EVOO\) and Its Potential Anticancer and Neuroprotective Properties.](#)
Infante R, Infante M, Pastore D, Pacifici F, Chiereghin F, Malatesta G, **Donadel G**, Tesauro M, Della-Morte D. *Int J Mol Sci.* 2023 Dec 10;24(24):17323. doi: 10.3390/ijms242417323. PMID: 38139152 **Free PMC article.** Review.
4. [Omega-3-Enriched Diet Improves Metabolic Profile in Prdx6-Deficient Mice Exposed to Microgravity.](#)
Pacifici F, Andreadi A, Arriga R, Pastore D, Capuani B, Bonanni R, Della-Morte D, Bellia A, Lauro D, **Donadel G**. *Life (Basel).* 2023 Nov 22;13(12):2245. doi: 10.3390/life13122245. PMID: 38137846 **Free PMC article.**
5. [Novel therapeutic approaches based on the pathological role of gut dysbiosis on the link between nonalcoholic fatty liver disease and insulin resistance.](#)
Bellucci E, Chiereghin F, Pacifici F, **Donadel G**, De Stefano A, Malatesta G, Valente MG, Guadagni F, Infante M, Rovella V, Noce A, Tesauro M, Di Daniele N, Della Morte D, Pastore D. *Eur Rev Med Pharmacol Sci.* 2023 Mar;27(5):1921-1944. doi: 10.26355/eurrev_202303_31558. PMID: 36930488 **Free article.** Review.
6. [A Novel Mix of Polyphenols and Micronutrients Reduces Adipogenesis and Promotes White Adipose Tissue Browning via UCP1 Expression and AMPK Activation.](#) Pacifici F, Malatesta G, Mammi C, Pastore D, Marzolla V, Ricordi C, Chiereghin F, Infante M, **Donadel G**, Curcio F, Noce A, Rovella V, Lauro D, Tesauro M, Di Daniele N, Garaci E, Caprio M, Della-Morte D. *Cells.* 2023 Feb 24;12(5):714. doi:10.3390/cells12050714. PMID: 36899850
7. [Identifying patterns in multiple biomarkers to diagnose diabetic foot using an explainable genetic programming-based approach.](#) D'Angelo, G., Della-Morte, D., Pastore, D., Donadel G. , De Stefano, A., Palmieri, F. *Future Generation Computer Systems*, 2023, 140, pp. 138–150
8. [Peroxiredoxin 6 Modulates Insulin Secretion and Beta Cell Death via a Mitochondrial Dynamic Network.](#) Pacifici, F., Della-Morte, D., Capuani, B., Coppola A., Scioli M.G., **Donadel G.**, Andreadi A., Ciccocanti F., Fimia G.M., Bellia A., Orlandi, A., Lauro, D. *Front Endocrinol (Lausanne).* 2022 Mar 18;13:842575. doi: 10.3389/fendo.2022.842575. eCollection 2022. PMID: 35370943

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10. Risk factors for diabetic foot ulcers: an Albanian retrospective study of inpatients with type 2 diabetes. Pastore D, Deja-Simoni A, De Stefano A, Pacifici F, Cela E, Infante M, Coppola A, Di Daniele N, Lauro D, Della-Morte D, **Donadel G**. *Eur Rev Med Pharmacol Sci.* 2022 Jan;26(2):558-572. doi: 10.26355/eurrev_202201_27883.PMID: 35113432
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17. Peroxiredoxin 6 Is a Key Antioxidant Enzyme in Modulating the Link between Glycemic and Lipogenic Metabolism. Arriga R, Pacifici F, Capuani B, Coppola A, Orlandi A, Scioli MG, Pastore D, Andreadi A, Sbraccia P, Tesauro M, Daniele ND, Sconocchia G, **Donadel G**, Bellia A, Della-Morte D, Lauro D. Arriga R, et al.. *Oxid Med Cell Longev.* 2019 Dec 19;2019:9685607. doi: 10.1155/2019/9685607. eCollection 2019. *Oxid Med Cell Longev.* 2019. PMID: 31949886

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