

## Giulia Donadel, CV March 2023



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.

### 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: 17; 878 Citations), (from Web of Science Researcher ID: M-1900-2019; H-index: 17; 822 Citations), (from Google Scholar included peer reviewed published communications: H-index: 19; 1250 Citations; i10-index:26) <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. [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.
2. [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
3. [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
4. [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
5. [The Protective Effect of a Unique Mix of Polyphenols and Micronutrients against Neurodegeneration Induced by an In Vitro Model of Parkinson's Disease.](#) Pacifici F, Salimei C, Pastore D, Malatesta G, Ricordi C, **Donadel G**, Bellia A, Rovella V, Tafani M, Garaci E, Tesauro M, Lauro D, Di Daniele N, Della-Morte D. *Int J Mol Sci.* 2022 Mar 13;23(6):3110. doi: 10.3390/ijms23063110.PMID: 35328530
6. [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
7. [Genetic approach in personalized medicine in type 2 diabetes.](#) Andrea Coppola, Francesca Pacifici, Donatella Pastore, David Della-Morte, Davide Lauro and **Giulia Donadel.** *Health Edu Care*, 2021 Volume 6: 1-3 doi: 10.15761/HEC.1000188
8. [Polyphenols and Ischemic Stroke: Insight into One of the Best Strategies for Prevention and Treatment.](#) Pacifici F, Rovella V, Pastore D, Bellia A, Abete P, **Donadel G**, Santini S, Beck H, Ricordi C, Daniele ND, Lauro D, Della-Morte D. *Nutrients.* 2021 Jun 8;13(6):1967. doi: 10.3390/nu13061967.PMID: 34201106
9. [Insulin and Exendin-4 Reduced Mutated Huntingtin Accumulation in Neuronal Cells.](#) Rea S, Della-Morte D, Pacifici F, Capuani B, Pastore D, Coppola A, Arriga R, Andreadi A, **Donadel G**, Di Daniele N, Bellia A, Lauro D. *Front Pharmacol.* 2020 May 28; 11:779. doi: 10.3389/fphar.2020.00779. eCollection 2020.PMID: 32547392

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