

## CURRICULUM VITAE ET STUDIORUM

### Personal Data

Last name, Name: **DONADEL GIULIA**

Date and Place of Birth: February 22nd 1961 -STAZZEMA (LU) – ITALY

Citizenship: ITALIAN

Address: ██████████ ROME- ITALY

Tel, Mobile, Fax, e-mail : [0672596887-donadel@uniroma2.it](mailto:0672596887-donadel@uniroma2.it)

### Education

1985-Graduated in Biological Sciences cum laude-University of Pisa

### 3. Post-graduate Studies

1986-91-Ph.D. student at the Medical School of the University of Pisa

1986-Post-graduate Training for State Exam and Enrollment in the National Register of Biologists

1988-Ph.D. Visiting Fellow in Biochemistry at EMBL-Heidelberg-Germany

1989-91-Ph.D. Visiting Fellow in Biochemistry at Centro Ricerche Sclavo, Siena – Italy

### Qualifications and Titles

1987-Enrolled in the National Register of Biologists1991- Obtained Ph. D. in Biochemistry- National Conferment of Ph. D. in Rome

1996- Tenure Researcher - University of Rome Tor Vergata School of Medicine and Surgery

2001- Assistant Professor in General Pathology MED/04 discipline code-University of Rome Tor Vergata School of Medicine and Surgery Dept. of Internal Medicine (now called Dept. of Systems Medicine)

2006- Aggregate Professor University of Rome “Tor Vergata” School of Medicine and Surgery - Dept. of Systems Medicine

2018- ASN 06/N1 for Assistant Professor MED/46 Professioni Sanitarie e Tecniche Mediche  
Applicate

### Work Experience

1991-95-Visiting Associate of the U.S. Federal Government at the Laboratory of Oral Medicine of the National Institutes of Health (NIH), Bethesda, Maryland, U.S.A.

1995-96-Scholarship fellow at the Lab of Molecular Medicine of the Dept. of Internal Medicine)- School of Medicine and Surgery–University of Rome Tor Vergata

1996-01-Tenure Researcher of the Dept. of Systems Medicine-University of Rome Tor Vergata

2001–18- Assistant and Aggregate Professor of the Dept. of System Medicine-University of Rome Tor Vergata-School of Medicine and Surgery

2019- today Assistant and Aggregate Professor of the Dept. of Clinical Science and Translational Medicine-University of Rome Tor Vergata-School of Medicine and Surgery

### Teaching Experience

2002–today Aggregate/Assistant Professor of General Pathology and Pathophysiology in the Degree Course in Medicina and Chirurgia, in “Medicine and Surgery” Course and in Physioterapy Course held at Santa Lucia Rehabilitation Hospital-Rome; Ph.D. Board of Experimental and System Medicine (previously called Experimental Physiopathology) and Specializing School of Endocrinology at the University of Rome “Tor Vergata” (2006-07) and “Università Cattolica di Nostra Signora del Buon Consiglio”-Tirana (Albania) (2018-19)

2006–today Aggregate/Assistant Professor of General Pathology and Physiopathology and Endocrinology-School of Medicine and Surgery-“Università Cattolica di Nostra Signora del Buon Consiglio”-Tirana (Albania)

2005–16 Aggregate/Assistant Professor and Coordinator of General Pathology and Physiopathology-Degree Course in Nursing Sciences and Physiotherapy–held at IDI "P.L.Monti"; Assistant Professor of General Pathology-Degree Course in Hearing Aid Techniques and Audiology and of Endocrinology and Physical Exercise at IAD (Distance Learning Portal) of the University of Rome Tor Vergata

2021–2022 Aggregate/Assistant Professor module of General Pathology in the Degree Course of Pharmacy- University of Rome Tor Vergata

### **Additional Work Experience**

2004-07-Board Member of the University Scientific Committee

2002-12 -Representative of Researchers at the School of Medicine and Surgery Council

2009-18 -Council Secretary of the Degree Course in Medicine and Surgery taught in Italian and taught in English (2012-15) of the University of Rome Tor Vergata

2013-today – Component of Central Guarantee Committee for equal opportunities, enhancement of workers' health and against discrimination of University of Tor Vergata

2019-today - Council Secretary of the Medicine and Surgery Faculty Committee of the University of Rome Tor Vergata

**Tutoring activity and Supervisor** of Experimental Theses since 1998 both in Italy and abroad.

**Research Projects:** from 1996 to present Responsible and participant of research projects of European, National and University character

**Publications:** Author and co-author of more than 32 peer-reviewed papers (H-index: 18; 738 Citations; <https://orcid.org/0000-0002-2454-5940>)

1. [Genetic approach in personalized medicine in type 2 diabetes](#). Andrea Coppola, Francesca Pacifici, Aranit Salla, Donatella Pastore, David Della-Morte, Davide Lauro and **Giulia Donadel**. Health Edu Care, 2021 Volume 6: 1-3 doi: 10.15761/HEC.1000188

2. [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

3. 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

4. [Prdx6 Plays a Main Role in the Crosstalk Between Aging and Metabolic Sarcopenia](#). Pacifici F, Della-Morte D, Piermarini F, Arriga R, Scioli MG, Capuani B, Pastore D, Coppola A, Rea S, **Donadel G**, Andreadi A, Abete P, Sconocchia G, Bellia A, Orlandi A, Lauro D. Pacifici F, et al. Antioxidants (Basel). 2020 Apr 17;9(4):329. doi: 10.3390/antiox9040329. Antioxidants (Basel). 2020. PMID: 32316601

5. [Proposed Tandem Effect of Physical Activity and Sirtuin 1 and 3 Activation in Regulating Glucose Homeostasis](#). Pacifici F, Di Cola D, Pastore D, Abete P, Guadagni F, **Donadel G**, Bellia A, Esposito E, Salimei C, Sinibaldi Salimei P, Ricordi C, Lauro D, Della-Morte D. Pacifici F, et al. Int

J Mol Sci. 2019 Sep 25;20(19):4748. doi: 10.3390/ijms20194748. Int J Mol Sci. 2019. PMID: 31557786 Free PMC article. Review.

6. [Peroxisome Proliferator-Activated Receptor- \$\gamma\$  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
7. [Treatment with Human Placental Lactogen \(hPL-A\) Improves Glucose Homeostasis One Year after Pancreatic Islets Transplantation in Mice Anterior Eye Chamber.](#) **Donadel G**, Arriga R, Marchetti V, Pastore D, Coppola A, Pacifici F, Scioli MG, Orlandi A, Della-Morte D. DIABETES 2019, vol. 68, ISSN: 0012-1797, doi: 10.2337/db19-264-OR\_
8. [FGF-2b and h-PL Transform Duct and Non-Endocrine Human Pancreatic Cells into Endocrine Insulin Secreting Cells by Modulating Differentiating Genes.](#) **Donadel G**, Pastore D, Della-Morte D, Capuani B, Lombardo MF, Pacifici F, Bugliani M, Grieco FA, Marchetti P, Lauro D. Int J Mol Sci. 2017 Oct 25;18(11). pii: E2234. doi: 10.3390/ijms18112234. PMID:29068419
9. [The role of epsilon PKC in acute and chronic diseases: Possible pharmacological implications of its modulators.](#) Capuani B, Pacifici F, Pastore D, Palmirotta R, **Donadel G**, Arriga R, Bellia A, Di Daniele N, Rogliani P, Abete P, Sbraccia P, Guadagni F, Lauro D, Della-Morte D. Pharmacol Res. 2016 Sep;111:659-667. doi: 10.1016/j.phrs.2016.07.029. Epub 2016 Jul 25. Review. PMID:27461137
10. [Serum- and Glucocorticoid-Inducible Kinase 1 Delay the Onset of Endothelial Senescence by Directly Interacting with Human Telomerase Reverse Transcriptase.](#) Basello K, Pacifici F, Capuani B, Pastore D, Lombardo MF, Ferrelli F, Coppola A, **Donadel G**, Arriga R, Sconocchia G, Bellia A, Rogliani P, Federici M, Sbraccia P, Lauro D, Della-Morte D. Rejuvenation Res. 2016 Feb;19(1):79-89. doi: 10.1089/rej.2015.1726. PMID:26230157
11. [SGK-1 protects kidney cells against apoptosis induced by ceramide and TNF- \$\alpha\$ .](#) Pastore D, Della-Morte D, Coppola A, Capuani B, Lombardo MF, Pacifici F, Ferrelli F, Arriga R, Mammi C, Federici M, Bellia A, Di Daniele N, Tesauro M, **Donadel G**, Noto D, Sbraccia P, Sconocchia G, Lauro D. Cell Death Dis. 2015 Sep 17;6:e1890. doi: 10.1038/cddis.2015.232. PMID:26379195
12. [Liver protein profiles in insulin receptor-knockout mice reveal novel molecules involved in the diabetes pathophysiology.](#) Capuani B, Della-Morte D, **Donadel G**, Caratelli S, Bova L, Pastore D, De Canio M, D'Aguzzo S, Coppola A, Pacifici F, Arriga R, Bellia A, Ferrelli F, Tesauro M, Federici M, Neri A, Bernardini S, Sbraccia P, Di Daniele N, Sconocchia G, Orlandi A, Urbani A, Lauro D. Am J Physiol Endocrinol Metab. 2015 May 1;308(9):E744-55. doi: 10.1152/ajpendo.00447.2014. Epub 2015 Feb 24. PMID:25714671
13. [Pharmacogenomics and pharmacogenetics of thiazolidinediones: role in diabetes and cardiovascular risk factors.](#) Della-Morte D, Palmirotta R, Rehni AK, Pastore D, Capuani B, Pacifici F, De Marchis ML, Dave KR, Bellia A, Fogliame G, Ferroni P, **Donadel G**, Cacciatore F, Abete P, Dong C, Pileggi A, Roselli M, Ricordi C, Sbraccia P, Guadagni F, Rundek T, Lauro D. Pharmacogenomics. 2014 Dec;15(16):2063-82. doi: 10.2217/pgs.14.162. Review. PMID:25521362
14. [Serum glucocorticoid inducible kinase \(SGK\)-1 protects endothelial cells against oxidative stress and apoptosis induced by hyperglycaemia.](#) Ferrelli F, Pastore D, Capuani B, Lombardo MF,

Blot-Chabaud M, Coppola A, Basello K, Galli A, **Donadel G**, Romano M, Caratelli S, Pacifici F, Arriga R, Di Daniele N, Sbraccia P, Sconocchia G, Bellia A, Tesauro M, Federici M, Della-Morte D, Lauro D. *Acta Diabetol.* 2015 Feb;52(1):55-64. doi: 10.1007/s00592-014-0600-4. Epub 2014 Jun 25. PMID:24961472

15. [Peroxiredoxin 6, a novel player in the pathogenesis of diabetes.](#) Pacifici F, Arriga R, Sorice GP, Capuani B, Scioli MG, Pastore D, **Donadel G**, Bellia A, Caratelli S, Coppola A, Ferrelli F, Federici M, Sconocchia G, Tesauro M, Sbraccia P, Della-Morte D, Giaccari A, Orlandi A, Lauro D. *Diabetes.* 2014 Oct;63(10):3210-20. doi: 10.2337/db14-0144. Epub 2014 Jun 19. PMID:24947358

16. [Parathyroid hormone and insulin resistance in distinct phenotypes of severe obesity: a cross-sectional analysis in middle-aged men and premenopausal women.](#) Bellia A, Marinoni G, D'Adamo M, Guglielmi V, Lombardo M, **Donadel G**, Gentileschi P, Lauro D, Federici M, Lauro R, Sbraccia P. *J Clin Endocrinol Metab.* 2012 Dec;97(12):4724-32. doi: 10.1210/jc.2012-2513. Epub 2012 Oct 1. PMID:23027922

17. [Deterioration of glucose homeostasis in type 2 diabetic patients one year after beginning of statins therapy.](#) Bellia A, Rizza S, Lombardo MF, **Donadel G**, Fabiano R, Andreadi K, Quon MJ, Sbraccia P, Federici M, Tesauro M, Cardillo C, Lauro D. *Atherosclerosis.* 2012 Jul;223(1):197-203. doi: 10.1016/j.atherosclerosis.2012.04.015. Epub 2012 May 8. PMID:22658255

18. [Human placental lactogen \(hPL-A\) activates signaling pathways linked to cell survival and improves insulin secretion in human pancreatic islets.](#) Lombardo MF, De Angelis F, Bova L, Bartolini B, Bertuzzi F, Nano R, Capuani B, Lauro R, Federici M, Lauro D, **Donadel G**. *Islets.* 2011 Sep-Oct;3(5):250-8. Epub 2011 Sep 1. PMID:21765243

19. [Serum 25-hydroxyvitamin D levels are inversely associated with systemic inflammation in severe obese subjects.](#) Bellia A, Garcovich C, D'Adamo M, Lombardo M, Tesauro M, **Donadel G**, Gentileschi P, Lauro D, Federici M, Lauro R, Sbraccia P. *Intern Emerg Med.* 2013 Feb;8(1):33-40. doi: 10.1007/s11739-011-0559-x. Epub 2011 Mar 25. PMID:21437585

20. [Sildenafil reduces insulin-resistance in human endothelial cells.](#) Mammi C, Pastore D, Lombardo MF, Ferrelli F, Caprio M, Consoli C, Tesauro M, Gatta L, Fini M, Federici M, Sbraccia P, **Donadel G**, Bellia A, Rosano GM, Fabbri A, Lauro D. *PLoS One.* 2011 Jan 28;6(1):e14542. doi: 10.1371/journal.pone.0014542. PMID:21297971

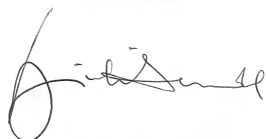
21. [Early vascular and metabolic effects of rosuvastatin compared with simvastatin in patients with type 2 diabetes.](#) Bellia A, Rizza S, Galli A, Fabiano R, **Donadel G**, Lombardo MF, Cardillo C, Sbraccia P, Tesauro M, Lauro D. *Atherosclerosis.* 2010 May;210(1):199-201. doi: 10.1016/j.atherosclerosis.2009.11.021. Epub 2009 Nov 20. PMID:20018286

22. [Diabetes-linked zinc transporter ZnT8 is a homodimeric protein expressed by distinct rodent endocrine cell types in the pancreas and other glands.](#) Murgia C, Devirgiliis C, Mancini E, **Donadel G**, Zalewski P, Perozzi G. *Nutr Metab Cardiovasc Dis.* 2009 Jul;19(6):431-9. doi: 10.1016/j.numecd.2008.09.004. Epub 2008 Dec 17. PMID:19095428

23. [Molecular cloning and characterization of a highly basic protein, IA-4, expressed in pancreatic islets and brain.](#) **Donadel G**, Marinos N, DeSilva MG, Lu J, Notkins AL, Lan MS. *Neuroendocrinology.* 1998 Mar;67(3):190-6. PMID:9630436

24. [Profile and differential expression of protein tyrosine phosphatases in mouse pancreatic islet tumor cell lines.](#) Lu J, Li Q, **Donadel G**, Notkins AL, Lan MS. *Pancreas*. 1998 May;16(4):515-20. PMID:9598814
25. [Characterization and chromosomal localization of a new protein disulfide isomerase, PDIp, highly expressed in human pancreas.](#) Desilva MG, Lu J, **Donadel G**, Modi WS, Xie H, Notkins AL, Lan MS. *DNA Cell Biol*. 1996 Jan;15(1):9-16. PMID:8561901
26. [A nuclear protein, synthesized in growth-arrested human hepatoblastoma cells, is a novel member of the short-chain alcohol dehydrogenase family.](#) Gabrielli F, **Donadel G**, Bensi G, Heguy A, Melli M. *Eur J Biochem*. 1995 Sep 1;232(2):473-7. PMID:7556196
27. [Human polyreactive and monoreactive antibodies: effect of glycosylation on antigen binding.](#) **Donadel G**, Calabro A, Sigounas G, Hascall VC, Notkins AL, Harindranath N. *Glycobiology*. 1994 Aug;4(4):491-6. PMID:7827411
28. [cDNA sequence and genomic organization of mouse secretin.](#) Lan MS, Kajiyama W, **Donadel G**, Lu J, Notkins AL. *Biochem Biophys Res Commun*. 1994 Apr 29;200(2):1066-71. PMID:8179583
29. [Half-life of polyreactive antibodies.](#) Sigounas G, Harindranath N, **Donadel G**, Notkins AL. *J Clin Immunol*. 1994 Mar;14(2):134-40. PMID:8195315
30. [Comparison of complete nucleotide sequence of the human IgM heavy chain constant region of polyreactive and monoreactive antibodies.](#) Harindranath N, **Donadel G**, Sigounas G, Notkins AL. *Mol Immunol*. 1993 Jan;30(1):111-2. No abstract available. PMID:8417370
31. [Identification of a novel nuclear protein synthesized in growth-arrested human hepatoblastoma HepG2 cells.](#) **Donadel G**, Garzelli C, Frank R, Gabrielli F. *Eur J Biochem*. 1991 Feb 14;195(3):723-9. PMID:1847869
32. [The differentiation-inducing agent sodium butyrate produces divergent effects on albumin and thyroxine-binding globulin synthesis by human hepatoblastoma-derived \(Hep G2\) cells.](#) Bartalena L, Bogazzi F, **Donadel G**, Martino E, Gabrielli F, Pinchera A. *J Endocrinol Invest*. 1990 Dec;13(11):917-22. PMID:1965315

Ai sensi del D.Lgs 196/2003, il sottoscritto autorizza il trattamento e la trasmissione dei dati forniti ai fini dell'attività didattica



**Roma, September 17<sup>th</sup>2021**