

INFORMAZIONI PERSONALI

NOME: IDA
COGNOME: GIARDINO
LUOGO E DATA DI NASCITA: NAPOLI, 04.08.1958
QUALIFICA PROFESSIONALE: Prof. ASSOCIATO (med-46)

RECAPITI CONNESSI ALL'ATTIVITA' DI DOCENZA:

- **LUOGO DI RICEVIMENTO**
Laboratorio di "Medicina di Laboratorio", Polo Biomedico Universitario, corpo centrale, 2° piano
- **GIORNATE ED ORARI**
Dal Mercoledì – Orario: 10.30-11.30
- **TELEFONO:**
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BREVE CURRICULUM PROFESSIONALE, DIDATTICO E SCIENTIFICO

TITOLI DI STUDIO: Laurea in Medicina e Chirurgia (110 e Lode) / Specialista in Scienze Oftalmologiche

TITOLI ED ESPERIENZE PROFESSIONALI:

- Prof. Associato di Medicina di Laboratorio (MED-38)
- Presidente del Corso di Laurea: "Tecniche di Laboratorio Biomedico" TLB, Università degli Studi di Foggia
- Direttore, Laboratorio del "Centro di Fisiopatologia del Metabolismo e della Nutrizione in Età Evolutiva" e "Centro di ricerca di Medicina di Laboratorio". Università degli Studi di Foggia
- Fellow, American Diabetes Association
- Delegato dipartimentale per il Placement
- Delegato dipartimentale per l'Orientamento

ATTIVITA' DI DOCENZA UNIVERSITARIA

Docente nei seguenti Corsi di laurea:

- Medicina e Chirurgia (UNIFG)
- Tecniche di Laboratorio Biomedico (UNIFG)
- Scienze degli Alimenti e Nutrizione Umana, SANU (UNIFG)

Docente di Medicina di Laboratorio:

- Scuola di Specializzazione in Pediatria (UNIFG)

ATTIVITA' DI RICERCA E PUBBLICAZIONI SCIENTIFICHE

1986-1989 Clinica Oculistica - Università Federico II – Napoli Facoltà di Medicina e Chirurgia, Napoli, Italia,
1989-1990 Institute of Ophthalmology, Department of Medicine – Montefiore Hospital, Yeshiva University, USA
1990-1998 Department of Medicine, Endocrinology. Albert Einstein College of Medicine. NY, USA
1990-2006 Department of Medicine, Diabetes Research Center. Albert Einstein College of Medicine. NY, USA
2007 - Direttore, Laboratorio del "Centro di Fisiopatologia del Metabolismo e della Nutrizione in Età Evolutiva" e "Centro di ricerca di Medicina di Laboratorio". Università degli Studi di Foggia - Italia

PUBBLICAZIONI SCIENTIFICHE

Selezione di articoli pubblicati su riviste scientifiche dotate di IMPACT FACTOR

- Nigri L, Piazzolla R, Pettoello-Mantovani M, Giardino I, Abbinante M, Gorgoni G. (2016) The Paediatric Ambulatory Consulting Service (PACS) program: a role for family pediatricians in the hospital emergency rooms. ITAL J PEDIATR. 2016 Feb 25;42:19.
Impact Factor: 1,236
- Montanini L, Cirillo F, Smerieri A, Pisi G, Giardino I, d'Apolito M, Spaggiari C, Bernasconi S, Amarri S, Street ME. (2016) HMGB1 Is Increased by CFTR Loss of Function, Is Lowered by Insulin, and Increases In Vivo at Onset of CFRD. J CLIN ENDOCRINOL METAB. 2016 Mar;101(3):1274-81.
Impact Factor: 5,531

- d'Apolito M, Pisanelli D, Faletta F, [Giardino I](#), Gigante M, Pettoello-Mantovani M, Goulet O, Gasparini P, Campanozzi A. (2016) Genetic analysis of Italian patients with congenital tufting enteropathy. *WORLD J PEDIATR*. 2016 May;12(2):219-24
Impact Factor: 1.025
- D'Apolito M, Du X, Pisanelli D, Pettoello-Mantovani M, Campanozzi A, Giacco F, Maffione AB, Colia AL, Brownlee M, [Giardino I](#). Urea-induced ROS cause endothelial dysfunction in chronic renal failure. *ATHEROSCLEROSIS*. 2015 Apr;239(2):393-400
Impact Factor: 3,942
- Trotta T, Guerra L, Piro D, d'Apolito M, Piccoli C, Porro C, [Giardino I](#), Lepore S, Castellani S, Di Gioia S, Petrella A, Maffione AB, Casavola V, Capitanio N, Conese M. Stimulation of β 2-adrenergic receptor increases CFTR function and decreases ATP levels in murine hematopoietic stem/progenitor cells. *J CYST FIBROS*. 2015 Jan;14(1):26-33
Impact Factor: 3,853
- Giacco F, Du X, Carratú A, Gerfen GJ, D'Apolito M, Giardino I, Rasola A, Marin O, Divakaruni AS, Murphy AN, Shah MS, Brownlee M. (2015) GLP-1 Cleavage Product Reverses Persistent ROS Generation After Transient Hyperglycemia by Disrupting an ROS-Generating Feedback Loop. *DIABETES*. 2015 Sep;64(9):3273-84.
Impact Factor: 8.784
- Pettoello Mantovani M, Ehrich J, Romondia A, Nigri L, Pettoello Mantovani L, [Giardino I](#). (2014). Diversity and differences of postgraduate training in general and subspecialty pediatrics in the European Union. *JOURNAL OF PEDIATRICS*,2014; 165:424-426e2
Impact Factor: 4.115
- Pavone P, Pettoello-Mantovani M, Le Pira A, [Giardino I](#), Pulvirenti A, Giugno R, Parano E, Polizzi A, Distefano A, Ferro A, Pavone L, Ruggieri M. Acute disseminated encephalomyelitis: a long-term prospective study and meta-analysis. *NEUROPEDIATRICS*. 2010 Dec;41(6):246-55. Epub 2011 Mar 28.
Impact Factor: 0.937
- Luciani A, Villella VR, Esposito S, Brunetti-Pierri N, Medina D, Settembre C, Gavina M, Pulze L, [Giardino I](#), Pettoello Mantovani M, D'apolito M, Guido S, Masliah E, Spencer B, Quaratino S, Raia V, Ballabio A, Maiuri L. Defective CFTR induces aggressive formation and lung inflammation in cystic fibrosis through ROS-mediated autophagy inhibition. *NATURE, Cell Biology*, 2010; 12:863-875
Impact Factor: 19.448
- D'Apolito M, Du X, Zong H, Catucci A, Maiuri L, Trevisano T, [Pettoello-Mantovani M](#), Campanozzi A, Raia V, Pessin J, Brownlee M & [Giardino I](#) Urea-induced ROS generation causes insulin resistance in chronic renal failure. *JOURNAL OF CLINICAL INVESTIGATION*. 2010; 120:203-213
Impact Factor: 13.069
- Maiuri L, Luciani A, Villella VR, Vasaturo A, [Giardino I](#), Pettoello-Mantovani M, Guido S, Cexus ON, Peake N, Londei M, Quaratino S, Lysosomal accumulation of gliadin p31-43 peptide induces oxidative stress and Tissue Transglutaminase mediated PPAR γ downregulation in intestinal epithelial cells and coeliac mucosa GUT. 2010; 59:311-319.
Impact Factor: 10.111
- Luciani A, Villella VR, Vasaturo A, [Giardino I](#), Raia V, Pettoello-Mantovani M, D'Apolito M, Guido S, Leal T, Quaratino S, Maiuri L. SUMOylation of tissue transglutaminase as link between oxidative stress and inflammation. *JOURNAL OF IMMUNOLOGY*. 2009;183:2775-84
Impact Factor: 5.788
- Campanozzi A, Russo M, Catucci A, Rutigliano I, [Giardino I](#), Romondia A, Pettoello Mantovani M. Hospital-acquired malnutrition in children with mild clinical conditions. *NUTRITION*. 2009; 25:540-547
Impact Factor: 3.025

- Maiuri L., Luciani A., Giardino I., Raia V., Vilella V.R., Ciccolella M., D'apolito M., Pettoello Mantovani M., Guido S., Ciacci C., Cexus O.N., Londei M., Quarantino S. Tissue transglutaminase activation modulates inflammation in cystic fibrosis via PPARgamma down-regulation. JOURNAL OF IMMUNOLOGY, 2008; vol. 180(11), p. 7697-7705
Impact Factor: 5.788
- Yao D, Taguchi T, Matsumura T, Pestell R, Edelstein D, I. Giardino, Suske G, Ahmed N, Thornalley Pj, Sarthy Vp, Hammes Hp, Brownlee M (2007). High glucose increases angiopoietin-2 transcription in microvascular endothelial cells through methylglyoxal modification of mSin3A. THE JOURNAL OF BIOLOGICAL CHEMISTRY, 2007; vol. 282, p. 31038-45
Impact Factor: 4.651
- Hammes Hp, Du X, Edelstein D, Taguchi T, Matsumura T, Ju Q Lin J, Bierhaus A, Nawroth P, Hannak D, Neumaier M, Bergfeld R, I. Giardino, M. Brownlee. Benfotiamine blocks three major pathways of hyperglycemic damage and prevents experimental diabetic retinopathy. NATURE MEDICINE, 2003; vol. 9, p. 294-298,
Impact Factor: 22.864
- Kilhovd Bk, I. Giardino, Torjesen Pa, Birkelan Ki, T.J. Berg, P.J. Thornalley, M. Brownlee, K.F. Hanssen. Measurement of serum levels of the specific AGE-compound methylglyoxal-derived hydroimidazolone in patients with Type 2 diabetes. METABOLISM, CLINICAL AND EXPERIMENTAL; 2003 vol. 52, p. 163-169
Impact Factor: 3.096
- Nishikawa T, Edelstein D, Du X, Yamagishi S, Matsumura T, Kaneda Y, Yorek M, Beebe D, Oates P, Hammes Hp, I. Giardino. Normalizing Mitochondrial Superoxide Production Blocks Three Major Pathways of Hyperglycemic Damage. NATURE, 2000; vol. 404, p. 787-790
Impact Factor: 38.597
- I. Giardino, Fard Ak, Hatchell DI And Brownlee M. Aminoguanidine inhibits reactive oxygen species formation, lipid peroxidation and oxidant-induced apoptosis. DIABETES, 1998; vol. 47, p. 1114-112
Impact Factor: 7.895
- Shiohara M, Thornalley Pj, I. Giardino, Beisswenger P, Thorpe S, Onorato J And Brownlee M. Overexpression of glyoxalase-I in bovine endothelial cells inhibits intracellular advanced glycation endproduct formation and prevents hyperglycemia-induced increases in macromolecular endocytosis. JOURNAL OF CLINICAL INVESTIGATION, 1998; vol. 101, p. 1142-1147
Impact Factor: 13.069
- I. Giardino, Edelstein D, Brownlee M. BCL-2 expression or antioxidants prevent hyperglycemia-induced formation of intracellular advanced glycation endproducts in bovine endothelial cells. JOURNAL OF CLINICAL INVESTIGATION, 1996; vol. 97, p. 1422-1428
Impact Factor: 13.069
- I. Giardino, D. Edelstein, M. Brownlee. Nonenzymatic glycosylation in vitro and in endothelial cells alters basic fibroblast growth factor activity: a model for intracellular glycosylation in diabetes. JOURNAL OF CLINICAL INVESTIGATION, 1994, vol. 94, p. 110-117
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