

GIUSEPPE LEMBO, MD, PhD
Curriculum Vitae

Data – 7 Settembre 2020

Luogo e data di nascita

Nazionalità

Codice Fiscale

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A. FORMAZIONE

- 1993-1994 Ricercatore presso il laboratorio di tecnologie applicate alle scienze cardiovascolari diretto dal Prof. Kenneth R. Chien, Department of Medicine and Center for Molecular Genetics, Università della California, San Diego.
- 1992-1993 Ricercatore presso il laboratorio di tecnologie genetiche diretto dalla dott.ssa Maria Grazia Persico, Istituto Internazionale di Genetica e Biofisica, CNR, Napoli.
- 1992 Dottore di Ricerca in Fisiopatologia Cardiovascolare, Università di Roma “Sapienza”.
- 1987 Specialista in Malattie dell’Apparato Cardiovascolare con votazione di 70/70 con lode, Università di Napoli “Federico II”.
- 1986-1987 Ricercatore presso il laboratorio di farmacologia diretto dal Prof. Carlo Patrono, Dipartimento di Farmacologia, Università Cattolica di Roma.
- 1984 Laurea in Medicina e Chirurgia, Università degli Studi di Napoli “Federico II”.

B. POSIZIONI ACCADEMICHE E PROFESSIONALI

- 2015- Responsabile del Centro per la diagnosi e la cura dell’ipertensione arteriosa accreditato SIIA presso l’IRCCS Neuromed di Pozzilli (IS).
- 2006- Professore Ordinario di Scienze Tecniche Mediche Applicate presso il Dipartimento di Medicina Molecolare dell’Università di Roma “Sapienza”.
- 2001-2006 Professore Associato di Medicina Interna presso il Dipartimento di Medicina Sperimentale e Patologia dell’Università di Roma “Sapienza”.
- 2002- Coordinatore del Dipartimento di Angiocardioneurologia e Medicina Traslazionale - IRCCS Neuromed di Pozzilli (IS).
- 2002- Dirigente medico di II livello dell’UOC di Angio-Cardio-Neurologia e Complicanze Neurologiche delle Malattie Internistiche presso l’IRCCS Neuromed di Pozzilli (IS).
- 1995-1999 Aiuto medico presso il Dipartimento di Angiocardioneurologia, IRCCS Neuromed di Pozzilli (IS).

C. ATTIVITA’ DIDATTICA

- 2001- Docente in numerosi Corsi di Laurea per Professioni Sanitarie - Università di Roma “Sapienza”, Polo Molise.
- 2006-2013 Docente di Medicina Molecolare in Corsi di Laurea Specialistica (Biotecnologie) dell’Università di Roma “Sapienza”.
- 1997-2000 Docente di Metodologie Biochimiche in corsi Corsi di Laurea per Professioni Sanitarie Università di Roma “Sapienza”, Polo Molise.
- 1996-1998 Docente di Riabilitazione Respiratoria in corsi Corsi di Laurea per Professioni Sanitarie Università di Roma “Sapienza”, Polo Molise.
- 1995-1998 Docente di Fisiopatologia Cardiorespiratoria nella Scuola di Specializzazione in Cardiologia dell’Università di Napoli “Federico II”.

D. RESPONSABILITÀ ISTITUZIONALI

- 2014-2017 Membro di Facoltà, Dottorato di Ricerca in Medicina Traslazionale, Facoltà di Medicina, Università del Molise (UNIMOL).
- 2008-2014 Presidente del Corso di Laurea “U” in Scienze Infermieristiche dell’Università di Roma “Sapienza”, Polo Molise – IRCCS Neuromed, Pozzilli (IS).
- 2005-2009 Presidente del Corso di Laurea “T” in Scienze Infermieristiche dell’Università di Roma “Sapienza”, Polo Molise – ASL 2 Isernia.
- 2003-2012 Membro di Facoltà, Dottorato di Ricerca in Scienze Farmacologiche e Fisiopatologia Respiratoria, Seconda Università degli Studi di Napoli (SUN).

E. RICONOSCIMENTI, PREMI, BREVETTI

- 2010 Brevetto Internazionale di ambito tecnologico applicato alla medicina: “Eterocicli ad attività antiipertensiva” di Giuseppe Lembo, Paolo Grieco e Vittoria Diurno.
- 2010 Brevetto Internazionale di ambito tecnologico applicato alla medicina: TO2010A000397 12/05/2010: “Recombinant melusin fusion protein as pharmacological agent in the treatment of heart pathologies and compositions thereof” di Accornero Federica, Brancaccio Mara, Tarone Guido, Lembo Giuseppe, Carnevale Daniela.
- 2002 Brevetto Internazionale di ambito tecnologico applicato alla medicina: WO 2004/056176 A1 19/12/2002 “Melusin, A Muscle Specific Protein, As A Drug Target For Prevention And Treatment Of Heart Failure And Applications Thereof” di Mara Brancaccio, Lorenzo Silengo, Fiorella Altruda, Giuseppe Lembo, Luigi Fratta, Guido Tarone.
- 2000-1993 Hypertension specialist della European Society of Hypertension.
- 1993 NATO - CNR Senior Fellowship della durata di sei mesi per studi da compiersi nel laboratorio del Prof. K.R. Chien, Università della California, San Diego.
- 1992 Premio Giulio Muiesan della Società Italiana dell’Ipertensione Arteriosa (SIIA) per attività di ricerca sull’ipertensione arteriosa da compiersi in un laboratorio straniero.
- 1990 Borsa di Studio Nazionale della Società Italiana dell’Ipertensione Arteriosa (SIIA) per attività di ricerca sull’ipertensione arteriosa.
- 1989 Premio di Ricerca in Medicina Interna della Società Italiana di Medicina Interna.

F. PROGETTI DI RICERCA FINANZIATI DA ORGANIZZAZIONI NAZIONALI ED INTERNAZIONALI [ultimi 10 anni - in qualità di PI-Principal Investigator]

- 2019- “Chronic hypertension-induced cerebrovascular damage: identification of novel molecular targets at the immune-vascular interface.” finanziato dall’Università di Roma “Sapienza” nell’ambito dei Finanziamenti di Ateneo per la Ricerca Scientifica – anno 2019 – PI del Progetto.
- 2019- Progetto di Ricerca Finalizzata “Novel approaches of advanced neuroimaging based on MRI fiber tracking to detect early signs of vascular cognitive impairment in hypertensive patients.”, finanziato dal Ministero della Salute – Coordinatore del Progetto e PI dell’Unità di Ricerca.
- 2019- “The neuro immune axis in hypertensive heart disease: novel bioelectronic approaches to investigate in experimental models the role of the autonomic inflammatory pathway in the transition toward heart failure” finanziato dall’Università di Roma “Sapienza” nell’ambito dei Finanziamenti di Ateneo per la Ricerca Scientifica – anno 2018 – PI del Progetto.
- 2018- ERA-NET on Cardiovascular Diseases “Mechanisms of early atherosclerosis and/or plaque instability in Coronary Artery Disease”, finanziato dalla Commissione Europea e dal Ministero della Salute – PI dell’Unità di Ricerca.
- 2017-2020 PRIN 2015 “Characterization of adaptive or maladaptive influences of innate immune system on cardiac hypertrophic remodeling in response to pressure overload”, finanziato dal Ministero dell’Istruzione, dell’Università e della Ricerca (MIUR)– Coordinatore Nazionale e PI dell’Unità di Ricerca.
- 2014-2018 Progetto PON03PE_00060_7 “Sviluppo preclinico di nuove terapie e di strategie innovative per la produzione di molecole ad azione farmacologica” finanziato dal MIUR nell’ambito del Programma Operativo Nazionale 2007-2013 PON-Ricerca e Competitività – PI dell’Unità di Ricerca.

- 2012-2017 Progetto di ricerca “Caratterizzazione di nuovi target genetico-molecolari nella parete vascolare dell’uomo”, finanziato dalla Regione Molise nell’ambito del PSN 2006-2008 – Coordinatore e PI dell’Unità di Ricerca.
- 2013-2016 PRIN 2010-2011 “Novel interplays among molecular pathways favoring adaptive cardiac remodeling in cardiomyopathy of overload”, finanziato dal MIUR – Coordinatore Nazionale e PI dell’Unità di Ricerca.
- 2013-2015 “Cognitive dysfunction in carotid stenosis: determinants and therapeutical opportunities” finanziato dall’Università di Roma “Sapienza” nell’ambito dei Finanziamenti di Ateneo per la Ricerca Scientifica – anno 2013 – PI del Progetto.
- 2012-2015 “MOdelli in Vivo di Patologie umanE - MOVIE”, finanziato dal MIUR nell’ambito del Programma Operativo Regionale POR Campania 2007/2013 - PI dell’Unità di Ricerca.
- 2012-2015 “Biotecnologie integrate per terapie innovative e personalizzate di malattie oncologiche e cardiovascolari – OCKEY”, finanziato dal MIUR nell’ambito del Programma Operativo Regionale POR Campania 2007/2013 - PI dell’Unità di Ricerca.
- 2011-2015 PON01_01227 “Sviluppo di modulatori delle Sirtuine come nuovo approccio terapeutico nelle patologie neurodegenerative, oncologiche e cardiovascolari - SIRT-in” finanziato dal MIUR nell’ambito del Programma Operativo Nazionale 2007-2013 PON-Ricerca e Competitività – PI dell’Unità di Ricerca.
- 2011-2015 Progetto PON01_00829 “Piattaforme tecnologiche innovative per l’ingegneria tissutale” finanziato dal MIUR nell’ambito del Programma Operativo Nazionale 2007-2013 PON-Ricerca e Competitività – PI dell’Unità di Ricerca.
- 2011-2015 Progetto FIRB-MERIT “Approccio integrato clinico e sperimentale allo studio dell’invecchiamento cerebrale e delle malattie neurodegenerative: basi molecolari, epidemiologia genetica, neuroimaging multimodale e farmacogenetica”, finanziato dal MIUR - PI dell’Unità di Ricerca.
- 2011-2013 "Utilizzo della microscopia confocale per la caratterizzazione di molecole responsabili del legame fisiopatologico tra infiammazione ed ipertensione arteriosa", finanziato dall’Università di Roma “Sapienza” nell’ambito del programma di Acquisizione di medie e grandi attrezzature scientifiche – PI del Progetto.
- 2011-2012 “Characterization of molecular mechanisms of cognitive decline ascribable to the Alzheimer disease in arterial hypertension” finanziato dalla Società Italiana per l’Ipertensione Arteriosa (SIIA) - PI del Progetto.
- 2010-2012 Progetto PRIN “Terapia genica con melusina in modelli animali di insufficienza cardiaca”, finanziato dal MIUR - PI dell’Unità di Ricerca.
- 2010-2012 "Imaging in vivo su piccoli animali per la caratterizzazione degli effetti di terapie cellulari", finanziato dall’Università di Roma “Sapienza” nell’ambito del programma di Acquisizione di medie e grandi attrezzature scientifiche – PI del Progetto.
- 2009-2012 “Type 2 diabetes mellitus: disease mechanisms and macrovascular complications” finanziato dalla Fondazione Roma – Coordinatore del Progetto e PI dell’Unità di Ricerca.
- 2008-2011 Progetto Finalizzato “Novel combined molecular and stem cell therapeutical approach to treat heart failure” finanziato dal Ministero della Salute – Coordinatore del Progetto e PI dell’Unità di Ricerca.
- 2008-2011 Progetto Finalizzato “Development of tissue-engineered blood vessel for patients candidate to arterial revascularization” finanziato dal Ministero della Salute – Coordinatore del Progetto e PI dell’Unità di Ricerca.
- 2008-2010 Progetto Finalizzato “Mechanisms of intracellular signalling responsible for protection against heart failure” finanziato dal Ministero della Salute – Coordinatore del Progetto e PI dell’Unità di Ricerca.
- 2008-2009 Progetto Finalizzato “Terapie Innovative nello scompenso cardiaco. I micro-RNA: biologia ed applicazioni terapeutiche nell’ipertrofia, nella malattia coronarica e nello scompenso” finanziato dal Ministero della Salute – PI dell’Unità di Ricerca.
- 2008-2009 Programma Strategico “La valutazione della fattibilità e dell’impatto di un modello organizzativo di continuità assistenziale basato sull’attivazione di una rete (Territorio-ospedale ed interospedaliera) nei pazienti con scompenso cardiaco cronico” finanziato dal Ministero della Salute – Coordinatore del Progetto e PI dell’Unità di Ricerca.

- 2007-2010 Progetto Finalizzato “Identificazione di nuovi target molecolari nel trattamento delle malattie cerebrovascolari” finanziato dal Ministero della Salute – PI dell’Unità di Ricerca.
- 2007-2009 Progetto PRIN “Meccanismi di segnalazione intracellulare responsabili della protezione dall’insufficienza cardiaca” finanziato dal MIUR– Coordinatore del Progetto e PI dell’Unità di Ricerca.

G. SOCIETÀ SCIENTIFICHE

Membro della “American Heart Association (AHA)”

Membro della “Società Italiana dell’Ipertensione Arteriosa (SIIA)”

H. SUPERVISIONE DI STUDENTI

Nella mia carriera ho formato numerosi ricercatori che attualmente occupano posizioni di rilievo in varie istituzioni accademiche, tra i quali Carmine Vecchione (Professore Ordinario) e Guido Iaccarino (Professore Associato) all’Università di Salerno; Daniela Carnevale (Professore Associato) e Giacomo Frati (Professore Ordinario) all’Università di Roma “Sapienza”; Carmine Morisco e Emanuele Barbato, Professori Associati all’Università di Napoli “Federico II”.

In qualità di docente, sono attivamente impegnato nell’educazione e formazione di dottorandi e specializzandi.

I. PARTECIPAZIONE A COMITATI EDITORIALI DI RIVISTE SCIENTIFICHE INTERNAZIONALI

- 2018- Consulting Editor di *Cardiovascular Research*
- 2007-2017 Membro dell’Editorial Board di *Cardiovascular Research*
- 2003-2007 Membro dell’Editorial Board di *Journal of Hypertension*

J. REVISORE PER RIVISTE SCIENTIFICHE INTERNAZIONALI

American Journal of Hypertension; American Journal of Pathology; American Journal of Physiology; Antioxidants & Redox Signaling; Arteriosclerosis Thrombosis and Vascular Biology; British Journal of Pharmacology; Circulation; Circulation Research; Diabetes; European Heart Journal; Hypertension; Journal of Clinical Investigation; Journal of Hypertension; Journal of the American College of Cardiology; Journal of the American Society of Nephrology; Stroke; Trends in Biochemical Sciences; Nature Reviews Nephrology, ecc.

K. CONSULENTE PER SOCIETÀ SCIENTIFICHE NAZIONALI ED INTERNAZIONALI

- 2019- Membro del Gruppo di Lavoro per la promozione dei metodi alternativi all’impiego di animali per fini scientifici, Ministero della Salute.
- 2011- Membro di Commissioni Giudicatrici in numerose Università Italiane.
- 2010- Membro della Commissione Nazionale per la Ricerca Sanitaria del Ministero della Salute nel processo di revisione degli Istituti di Ricovero e Cura a Carattere Scientifico (IRCCS).
- 2011-2012 Membro del Gruppo di Lavoro – Ricerca e Sviluppo – Agenzia Italiana del Farmaco (AIFA).
- 2010- Revisore per Alzheimer’s Association.

L. PRINCIPALI COLLABORAZIONI

- Prof. Giorgio M. Bressan, Università di Padova
Ruolo delle proteine della matrice extracellulare nella fisiopatologia vascolare
- Prof. Tomasz Guzik, Università di Glasgow, UK
Meccanismi immunitari nell’ipertensione
- Prof. Andreas Habenicht, Università di Monaco, DE
Meccanismi neuroimmunitari nell’aterosclerosi
- Prof. David Harrison, Università di Vanderbilt, Nashville, USA
Meccanismi immunitari nell’ipertensione
- Prof. Emilio Hirsch, Università di Torino
Ruolo di PI3K γ nelle malattie cardiovascolari

- Prof. Ziad Mallat, Università di Cambridge, UK
Ruolo delle interazioni neuroimmuni nell'aterosclerosi
- Prof. Matthias Nahrendorf, Università di Harvard, Boston, USA
Meccanismi neuroimmunitari nelle malattie cardiovascolari

M. PUBBLICAZIONI

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Keywords: ipertensione, scompenso cardiaco, patologie neurovascolari, meccanismi neuroimmuni, modelli murini di patologie cardio- e neurovascolari.

- 1 Carnevale D, **Lembo G**. Neuroimmune interactions in cardiovascular diseases. Cardiovasc Res. 2020 May 27;cvaa151. IF: 7.014
- 2 Perone F, **Lembo G**. Thioredoxin-1: a cardioprotector against stress. Cardiovasc Res. 2020 Aug 1;116(10):1654-1655. IF: 7.014
- 3 Chabriat H, Bassetti CL, Marx U, Audoli-Inthavong ML, Sors A, Lambert E, Watez M, Hermann DM; **RESTORE BRAIN study investigators**. Safety and efficacy of GABAA $\alpha 5$ antagonist S44819 in patients with ischaemic stroke: a multicentre, double-blind, randomised, placebo-controlled trial. Lancet Neurol. 2020 Mar;19(3):226-233. IF: 28.775
- 4 Calore M, Lorenzon A, Vitiello L, Poloni G, Khan MAF, Beffagna G, Dazzo E, Sacchetto C, Polishchuk R, Sabatelli P, Doliana R, Carnevale D, **Lembo G**, Bonaldo P, De Windt L, Braghetta P, Rampazzo A. A novel murine model for arrhythmogenic cardiomyopathy points to a pathogenic role of Wnt signaling and miRNA dysregulation. Cardiovasc Res. 2019 Mar 15;115(4):739-751. IF: 7.014
- 5 Solomon SD, McMurray JJV, Anand IS, Ge J, Lam CSP, Maggioni AP, Martinez F, Packer M, Pfeffer MA, Pieske B, Redfield MM, Rouleau JL, van Veldhuisen DJ, Zannad F, Zile MR, Desai AS, Claggett B, Jhund PS, Boytsov SA, Comin-Colet J, Cleland J, Düngen HD, Goncalvesova E, Katova T, Kerr Saraiva JF, Lelonek M, Merkely B, Senni M, Shah SJ, Zhou J, Rizkala AR, Gong J, Shi VC, Lefkowitz MP; **PARAGON-HF Investigators and Committees**. Angiotensin-Nepriylisin Inhibition in Heart Failure with Preserved Ejection Fraction. N Engl J Med. 2019 Oct 24;381(17):1609-1620. doi: 10.1056/NEJMoa1908655. IF: 70.670
- 6 Metra M, Teerlink JR, Cotter G, Davison BA, Felker GM, Filippatos G, Greenberg BH, Pang PS, Ponikowski P, Voors AA, Adams KF, Anker SD, Arias-Mendoza A, Avendaño P, Bacal F, Böhm M, Bortman G, Cleland JGF, Cohen-Solal A, Crespo-Leiro MG, Dorobantu M, Echeverría LE, Ferrari R, Golland S, Goncalvesová E, Goudev A, Køber L, Lema-Osores J, Levy PD, McDonald K, Manga P, Merkely B, Mueller C, Pieske B, Silva-Cardoso J, Špinar J, Squire I, Stępińska J, Van Mieghem W, von Lewinski D, Wikström G, Yilmaz MB, Hagner N, Holbro T, Hua TA, Sabarwal SV, Severin T, Szecsödy P, Gimpelewicz C; **RELAX-AHF-2 Committees Investigators**. Effects of Serelaxin in Patients with Acute Heart Failure. N Engl J Med. 2019 Aug 22;381(8):716-726. doi: 10.1056/NEJMoa1801291. IF: 70.670
- 7 Carnevale L, **Lembo G**. Innovative MRI Techniques in Neuroimaging Approaches for Cerebrovascular Diseases and Vascular Cognitive Impairment. Int J Mol Sci. 2019 May 30;20(11). pii: E2656. doi: 10.3390/ijms20112656. Review.

IF: 4.183

8 Maffei A, **Lembo G**, Carnevale D. PI3Kinases in Diabetes Mellitus and Its Related Complications. Int J Mol Sci. 2018 Dec 18;19(12). pii: E4098. doi: 10.3390/ijms19124098. Review.

IF: 4.183

9 Carnevale D, **Lembo G**. Heart, Spleen, Brain. Circulation. 2018 Oct 30;138(18):1917-1919. doi: 10.1161/CIRCULATIONAHA.118.035628.

IF: 23.054

10 Carnevale D, Facchinello N, Iodice D, Bizzotto D, Perrotta M, De Stefani D, Pallante F, Carnevale L, Ricciardi F, Cifelli G, Da Ros F, Casaburo M, Fardella S, Bonaldo P, Innocenzi G, Rizzuto R, Braghetta P, **Lembo G**, Bressan GM. Loss of EMILIN-1 Enhances Arteriolar Myogenic Tone Through TGF- β (Transforming Growth Factor- β)-Dependent Transactivation of EGFR (Epidermal Growth Factor Receptor) and Is Relevant for Hypertension in Mice and Humans. Arterioscler Thromb Vasc Biol. 2018 Oct;38(10):2484-2497. doi: 10.1161/ATVBAHA.118.311115.

IF: 6.618

11 Kasner SE, Swaminathan B, Lavados P, Sharma M, Muir K, Veltkamp R, Ameriso SF, Endres M, Lutsep H, Messé SR, Spence JD, Nedeltechew K, Perera K, Santo G, Olavarria V, Lindgren A, Bangdiwala S, Shoamanesh A, Berkowitz SD, Mundl H, Connolly SJ, Hart RG; **NAVIGATE ESUS Investigators**. Rivaroxaban or aspirin for patent foramen ovale and embolic stroke of undetermined source: a prespecified subgroup analysis from the NAVIGATE ESUS trial. Lancet Neurol. 2018 Sep 28. pii: S1474-4422(18)30319-3. doi: 10.1016/S1474-4422(18)30319-3.

IF: 28.755

12 Spyropoulos AC, Ageno W, Albers GW, Elliott CG, Halperin JL, Hiatt WR, Maynard GA, Steg PG, Weitz JI, Suh E, Spiro TE, Barnathan ES, Raskob GE; **MARINER Investigators**. Rivaroxaban for Thromboprophylaxis after Hospitalization for Medical Illness. N Engl J Med. 2018 Aug 26. doi: 10.1056/NEJMoa1805090.

IF: 70.670

13 Carnevale L, D'Angelosante V, Landolfi A, Grillea G, Selvetella G, Storto M, **Lembo G**, Carnevale D. Brain MRI fiber-tracking reveals white matter alterations in hypertensive patients without damage at conventional neuroimaging. Cardiovasc Res. 2018 Jun 12. doi: 10.1093/cvr/cvy104.

IF: 7.014

14 Hart RG, Sharma M, Mundl H, Kasner SE, Bangdiwala SI, Berkowitz SD, Swaminathan B, Lavados P, Wang Y, Wang Y, Davalos A, Shamalov N, Mikulik R, Cunha L, Lindgren A, Arauz A, Lang W, Czlonkowska A, Eckstein J, Gagliardi RJ, Amarenco P, Ameriso SF, Tatlisumak T, Veltkamp R, Hankey GJ, Toni D, Bereczki D, Uchiyama S, Ntaios G, Yoon BW, Brouns R, Endres M, Muir KW, Bornstein N, Ozturk S, O'Donnell MJ, De Vries Basson MM, Pare G, Pater C, Kirsch B, Sheridan P, Peters G, Weitz JI, Peacock WF, Shoamanesh A, Benavente OR, Joyner C, Themeles E, Connolly SJ; **NAVIGATE ESUS Investigators**. Rivaroxaban for Stroke Prevention after Embolic Stroke of Undetermined Source. N Engl J Med. 2018 Jun 7;378(23):2191-2201. doi: 10.1056/NEJMoa1802686. Epub 2018 May 16.

IF: 70.670

15 Maffei A, **Lembo G**. Fatty acids are the best fuel for overloaded hearts. Cardiovasc Res. 2018 Apr 27. doi: 10.1093/cvr/cvy106.

IF: 7.014

16 Perrotta M, **Lembo G**, Carnevale D. The Interactions of the Immune System and the Brain in Hypertension. Curr Hypertens Rep. 2018 Feb 24;20(1):7. doi: 10.1007/s11906-018-0808-8.

IF: 3.606

17 Perrotta M, Lori A, Carnevale L, Fardella S, Cifelli G, Iacobucci R, Mastroiacovo F, Iodice D, Pallante F, Storto M, **Lembo G**, Carnevale D. Deoxycorticosterone acetate-salt hypertension activates placental growth factor in the spleen to couple sympathetic drive and immune system activation. Cardiovasc Res. 2018 Jan 8. doi: 10.1093/cvr/cvy001. [Epub ahead of print]

IF: 7.014

18 **Lembo G**. From clinical observations to molecular mechanisms and back to patients: the successful circuit of the CANTOS study. Cardiovasc Res. 2018 Jan 1;114(1):e3-e5. doi: 10.1093/cvr/cvx219.

IF: 7.014

19 Da Ros F, Carnevale R, Cifelli G, Bizzotto D, Casaburo M, Perrotta M, Carnevale L, Vinciguerra I, Fardella S, Iacobucci R, Bressan GM, Braghetta P, **Lembo G**, Carnevale D. Targeting Interleukin-1 β

Protects from Aortic Aneurysms Induced by Disrupted Transforming Growth Factor β Signaling. Immunity. 2017 Nov 21;47(5):959-973.e9.

IF: 21.522

20 Ridker PM, Everett BM, Thuren T, MacFadyen JG, Chang WH, Ballantyne C, Fonseca F, Nicolau J, Koenig W, Anker SD, Kastelein JJP, Cornel JH, Pais P, Pella D, Genest J, Cifkova R, Lorenzatti A, Forster T, Kobalava Z, Vida-Simiti L, Flather M, Shimokawa H, Ogawa H, Dellborg M, Rossi PRF, Troquay RPT, Libby P, Glynn RJ; **CANTOS Trial Group**. Antiinflammatory Therapy with Canakinumab for Atherosclerotic Disease. N Engl J Med. 2017 Sep 21;377(12):1119-1131.

IF: 70.670

21 Lori A, Perrotta M, **Lembo G**, Carnevale D. The Spleen: A Hub Connecting Nervous and Immune Systems in Cardiovascular and Metabolic Diseases. Int J Mol Sci. 2017 Jun 7;18(6). pii: E1216.

IF: 4.183

22 Maffei A, Cifelli G, Carnevale R, Iacobucci R, Pallante F, Fardella V, Fardella S, Hirsch E, **Lembo G**, Carnevale D. PI3K γ Inhibition Protects Against Diabetic Cardiomyopathy in Mice. Rev Esp Cardiol (Engl Ed). 2017 Jan;70(1):16-24.

IF: 5.126

23 Perrotta M, **Lembo G**, Carnevale D The Multifaceted Roles of PI3K in Hypertension, Vascular Biology, and Inflammation, Int. J. Mol. Sci. 2016, 17, 1858.

IF: 4.183

24 Carnevale D, Perrotta M, Pallante F, Fardella V, Iacobucci R, Fardella S, Carnevale L, Carnevale R, De Lucia M, Cifelli G, **Lembo G**, A Cholinergic-Sympathetic Pathway primes Immunity in Hypertension and Mediates Brain-To-Spleen Communication, Nat Commun. 2016 Sep 27;7:13035.

IF: 11.878

25 Maffei A, Di Mauro V, Catalucci D, **Lembo G**. MiR-153/Kv7.4: a novel molecular axis in the regulation of hypertension. Cardiovasc Res. 2016 Sep 15. pii: cvw208.

IF: 7.014

26 Landolfi A, Selvetella G, Cugino D, Grillea G, Maffei A, Notte A, **Lembo G**, Carnevale D. Hemorrhagic transformation of acute ischemic stroke is limited in hypertensive patients with cardiac hypertrophy. Int J Cardiol. 2016 Sep 15;219:362-6.

IF: 4.183

27 **Lembo G**, Grassi G. Flavanol-rich cocoa at breakfast: the right remedy after a sleepless night to prevent negative effects on blood pressure and cognition? J Hypertens. 2016 Jul;34(7):1252-3.

IF: 4.209

28 Cohen AT, Harrington RA, Goldhaber SZ, Hull RD, Wiens BL, Gold A, Hernandez AF, Gibson CM; **APEX Investigators**. Extended Thromboprophylaxis with Betrixaban in Acutely Ill Medical Patients. N Engl J Med. 2016 Aug 11;375(6):534-44.

IF: 70.670

29 Carnevale D, **Lembo G**. Immunological Aspects of Hypertension. High Blood Press Cardiovasc Prev. 2016 Jun;23(2):91-5.

IF: -

30 McMurray JJ, Krum H, Abraham WT, Dickstein K, Køber LV, Desai AS, Solomon SD, Greenlaw N, Ali MA, Chiang Y, Shao Q, Tarnesby G, Massie BM; **ATMOSPHERE Committees Investigators**. Aliskiren, Enalapril, or Aliskiren and Enalapril in Heart Failure. N Engl J Med. 2016 Apr 21;374(16):1521-32.

IF: 70.670

31 Perrotta M, **Lembo G**, Carnevale D. Hypertension and Dementia: Epidemiological and Experimental Evidence Revealing a Detrimental Relationship. Int J Mol Sci. 2016 Mar 8;17(3).

IF: 4.183

32 Redon J, Pichler G; **Missed Dose Study Group**. Comparative study of the efficacy of olmesartan/amlodipine vs. perindopril/amlodipine in peripheral blood pressure after missed dose in type 2 diabetes. J Hypertens. 2016 Feb;34(2):359-67.

IF: 4.209

33 Kristensen SL, Preiss D, Jhund PS, Squire I, Cardoso JS, Merkely B, Martinez F, Starling RC, Desai AS, Lefkowitz MP, Rizkala AR, Rouleau JL, Shi VC, Solomon SD, Swedberg K, Zile MR, McMurray JJ, Packer M; **PARADIGM-HF Investigators and Committees**. Risk Related to Pre-Diabetes Mellitus and Diabetes Mellitus in Heart Failure With Reduced Ejection Fraction: Insights From Prospective

Comparison of ARNI With ACEI to Determine Impact on Global Mortality and Morbidity in Heart Failure Trial. Circ Heart Fail. 2016 Jan;9(1).

IF: 6.5264

34 Mancia G, Omboni S, Chazova I, Coca A, Girerd X, Haller H, Parati G, Pauletto P, Pupek-Musialik D, Svyshchenko Y; **FELT Study Group**. Effects of the lercanidipine-enalapril combination vs. the corresponding monotherapies on home blood pressure in hypertension: evidence from a large database. J Hypertens. 2016 Jan;34(1):139-48.

IF: 4.209

35 Stöhr R, Kappel BA, Carnevale D, Cavalera M, Mavilio M, Arisi I, Fardella V, Cifelli G, Casagrande V, Rizza S, Cattaneo A, Mauriello A, Menghini R, **Lembo G**, Federici M. TIMP3 interplays with apelin to regulate cardiovascular metabolism in hypercholesterolemic mice. Mol Metab. 2015 Aug 6;4(10):741-52.

IF: 6.181

36 Carnevale D, **Lembo G**. PlGF, immune system and hypertension. Oncotarget. 2015 Jul 30;6(21):18246-7. IF: 5.186

37 Carnevale D, Perrotta M, **Lembo G**, Trimarco B. Pathophysiological Links Among Hypertension and Alzheimer's Disease. High Blood Press Cardiovasc Prev. 2016 Mar;23(1):3-7.

IF:-

38 Green JB, Bethel MA, Armstrong PW, Buse JB, Engel SS, Garg J, Josse R, Kaufman KD, Koglin J, Korn S, Lachin JM, McGuire DK, Pencina MJ, Standl E, Stein PP, Suryawanshi S, Van de Werf F, Peterson ED, Holman RR; **TECOS Study Group**. Effect of Sitagliptin on Cardiovascular Outcomes in Type 2 Diabetes. N Engl J Med. 2015 Jul 16;373(3):232-42.

IF: 70.670

39 D'Andrea I, Fardella V, Fardella S, Pallante F, Ghigo A, Iacobucci R, Maffei A, Hirsch E, **Lembo G**, Carnevale D. Lack of kinase-independent activity of PI3K γ in locus coeruleus induces ADHD symptoms through increased CREB signaling. EMBO Mol Med. 2015 Apr 16;7(7):904-17.

IF: 10.624

40 Robinson JG, Farnier M, Krempf M, Bergeron J, Luc G, Aversa M, Stroes ES, Langslet G, Raal FJ, El Shahawy M, Koren MJ, Lepor NE, Lorenzato C, Pordy R, Chaudhari U, Kastelein JJ; **ODYSSEY LONG TERM Investigators**. Efficacy and safety of alirocumab in reducing lipids and cardiovascular events. N Engl J Med. 2015 Apr 16;372(16):1489-99.

IF: 70.670

41 Packer M, McMurray JJ, Desai AS, Gong J, Lefkowitz MP, Rizkala AR, Rouleau JL, Shi VC, Solomon SD, Swedberg K, Zile M, Andersen K, Arango JL, Arnold JM, Böhlhávek J, Böhm M, Boytsov S, Burgess LJ, Cabrera W, Calvo C, Chen CH, Dukat A, Duarte YC, Erglis A, Fu M, Gomez E, González-Medina A, Hagège AA, Huang J, Katova T, Kiatchosakun S, Kim KS, Kozan Ö, Llamas EB, Martinez F, Merkely B, Mendoza I, Mosterd A, Negrusz-Kawecka M, Peuhkurinen K, Ramirez FJ, Refsgaard J, Rosenthal A, Senni M, Sibulo AS Jr, Silva-Cardoso J, Squire IB, Starling RC, Teerlink JR, Vanhaecke J, Vinereanu D, Wong RC; **PARADIGM-HF Investigators and Coordinators**. Angiotensin receptor neprilysin inhibition compared with enalapril on the risk of clinical progression in surviving patients with heart failure. Circulation. 2015 Jan 6;131(1):54-61.

IF: 23.054

42 Carnevale D, Pallante F, Fardella V, Fardella S, Iacobucci R, Federici M, Cifelli G, De Lucia M, **Lembo G**. The angiogenic factor PlGF mediates a neuroimmune interaction in the spleen to allow the onset of hypertension. Immunity. 2014 Nov 20;41(5):737-52.

IF: 21.522

43 Perino A, Beretta M, Kilić A, Ghigo A, Carnevale D, Repetto IE, Braccini L, Longo D, Liebig-Gonglach M, Zaglia T, Iacobucci R, Mongillo M, Wetzker R, Bauer M, Aime S, Vercelli A, **Lembo G**, Pfeifer A, Hirsch E. Combined inhibition of PI3K β and PI3K γ reduces fat mass by enhancing α -MSH-dependent sympathetic drive. Sci Signal. 2014 Nov 18;7(352):ra110.

IF: 6.481

44 Viridis A, Savoia C, Grassi G, **Lembo G**, Vecchione C, Seravalle G, Taddei S, Volpe M, Rosei EA, Rizzoni D. Evaluation of microvascular structure in humans: a 'state-of-the-art' document of the Working Group on Macrovascular and Microvascular Alterations of the Italian Society of Arterial Hypertension. J Hypertens. 2014 Nov;32(11):2120-9.

IF: 4.209

- 45 McMurray JJ, Packer M, Desai AS, Gong J, Lefkowitz MP, Rizkala AR, Rouleau JL, Shi VC, Solomon SD, Swedberg K, Zile MR; **PARADIGM-HF Investigators and Committees**. Angiotensin-neprilysin inhibition versus enalapril in heart failure. N Engl J Med. 2014 Sep 11;371(11):993-1004. IF: 70.670
- 46 Arcaro A, **Lembo G**, Tocchetti CG. Nitroxyl (HNO) for treatment of acute heart failure. Curr Heart Fail Rep. 2014 Sep;11(3):227-35. IF: -
- 47 Reboldi G, Angeli F, de Simone G, Staessen JA, Verdecchia P; **Cardio-Sis Investigators**. Tight versus standard blood pressure control in patients with hypertension with and without cardiovascular disease. Hypertension. 2014 Mar;63(3):475-82. IF: 7.017
- 48 Maggioni AP, Greene SJ, Fonarow GC, Böhm M, Zannad F, Solomon SD, Lewis EF, Baschiera F, Hua TA, Gimpelewicz CR, Lesogor A, Gheorghiade M; **ASTRONAUT Investigators and Coordinators**. Effect of aliskiren on post-discharge outcomes among diabetic and non-diabetic patients hospitalized for heart failure: insights from the ASTRONAUT trial. Eur Heart J. 2013 Oct;34(40):3117-27. IF: 23.239
- 49 Dunkler D, Dehghan M, Teo KK, Heinze G, Gao P, Kohl M, Clase CM, Mann JF, Yusuf S, Oberbauer R; **ONTARGET Investigators**. Diet and kidney disease in high-risk individuals with type 2 diabetes mellitus. JAMA Intern Med. 2013 Oct 14;173(18):1682-92. IF: 20.768
- 50 Carnevale D, **Lembo G**. G-protein-coupled receptor kinases in hypertension. High Blood Press Cardiovasc Prev. 2013 Mar;20(1):3-4. IF:-
- 51 McMurray JJ, Packer M, Desai AS, Gong J, Lefkowitz MP, Rizkala AR, Rouleau J, Shi VC, Solomon SD, Swedberg K, Zile MR; **PARADIGM-HF Committees and Investigators**. Dual angiotensin receptor and neprilysin inhibition as an alternative to angiotensin-converting enzyme inhibition in patients with chronic systolic heart failure: rationale for and design of the Prospective comparison of ARNI with ACEI to Determine Impact on Global Mortality and morbidity in Heart Failure trial (PARADIGM-HF). Eur J Heart Fail. 2013 Sep;15(9):1062-73. IF: 13.965
- 52 Gheorghiade M, Böhm M, Greene SJ, Fonarow GC, Lewis EF, Zannad F, Solomon SD, Baschiera F, Botha J, Hua TA, Gimpelewicz CR, Jaumont X, Lesogor A, Maggioni AP; **ASTRONAUT Investigators and Coordinators**. Effect of aliskiren on postdischarge mortality and heart failure readmissions among patients hospitalized for heart failure: the ASTRONAUT randomized trial. JAMA. 2013 Mar 20;309(11):1125-35. IF: 51.273
- 53 Parving HH, Brenner BM, McMurray JJ, de Zeeuw D, Haffner SM, Solomon SD, Chaturvedi N, Persson F, Desai AS, Nicolaidis M, Richard A, Xiang Z, Brunel P, Pfeffer MA; **ALTITUDE Investigators**. Cardiorenal end points in a trial of aliskiren for type 2 diabetes. N Engl J Med. 2012 Dec 6;367(23):2204-13. IF: 70.670
- 54 Carnevale D, **Lembo G**. Placental Growth Factor and Cardiac Inflammation. Trends Cardiovasc Med. 2012 Nov;22(8):209-12. IF: 4.462
- 55 Litteri G, Carnevale D, D'Urso A, Cifelli G, Braghetta P, Damato A, Bizzotto D, Landolfi A, Da Ros F, Sabatelli P, Facchinello N, Maffei A, Volpin D, Colombatti A, Bressan GM, **Lembo G**. Vascular Smooth Muscle Emilin-1 Is a Regulator of Arteriolar Myogenic Response and Blood Pressure. Arterioscler Thromb Vasc Biol. 2012 Sep;32(9):2178-84. IF: 6.618
- 56 Carnevale D, Mascio G, D'Andrea I, Fardella V, Bell RD, Branchi I, Pallante F, Zlokovic B, Yan SS, **Lembo G**. Hypertension Induces Brain β -Amyloid Accumulation, Cognitive Impairment, and Memory Deterioration Through Activation of Receptor for Advanced Glycation End Products in Brain Vasculature. Hypertension. 2012 Jul;60(1):188-97. IF: 7.017
- 57 Carnevale D, **Lembo G**. PI3K γ in hypertension: a novel therapeutic target controlling vascular myogenic tone and target organ damage. Cardiovasc Res. 2012 Sep 1;95(4):403-8.

- IF: 7.014
58 Omboni S, Malacco E, Mallion JM, Volpe M, Zanchetti A; **Study Group**. Twenty-four hour and early morning blood pressure control of olmesartan vs. ramipril in elderly hypertensive patients: pooled individual data analysis of two randomized, double-blind, parallel-group studies. J Hypertens. 2012 Jul;30(7):1468-77.
- IF: 4.209
59 Carnevale D, Vecchione C, Mascio G, Esposito G, Cifelli G, Martinello K, Landolfi A, Selvetella G, Grieco P, Damato A, Franco E, Haase H, Maffei A, Ciraolo E, Fucile S, Frati G, Mazzoni O, Hirsch E, **Lembo G**. PI3K γ inhibition reduces blood pressure by a vasorelaxant Akt/L-type calcium channel mechanism. Cardiovasc Res. 2012 Jan 1;93(1):200-9.
- IF: 7.014
60 Punthakee Z, Bosch J, Dagenais G, Diaz R, Holman R, Probstfield JL, Ramachandran A, Riddle MC, Rydén LE, Zinman B, Afzal R, Yusuf S, Gerstein HC; **TIDE Trial Investigators**. Design, history and results of the Thiazolidinedione Intervention with vitamin D Evaluation (TIDE) randomised controlled trial. Diabetologia. 2012 Jan;55(1):36-45.
- IF: 7.113
61 Carnevale D, Mascio G, Ajmone-Cat MA, D'Andrea I, Cifelli G, Madonna M, Coccozza G, Frati A, Carullo P, Carnevale L, Alleva E, Branchi I, Lembo G, Minghetti L. Role of neuroinflammation in hypertension-induced brain amyloid pathology. Neurobiol Aging. 2012 Jan;33(1):205.e19-29.
- IF: 4.398
62 Nardi K, Pelone G, Bartolo M, Di Ruzza MR, Storto M, Notte A, Grillea G, Colonnese C, **Lembo G**, Vecchione C. Ischaemic stroke following tranexamic acid in young patients carrying heterozygosity of MTHFR C677T. Ann Clin Biochem. 2011 Nov;48(Pt 6):575-8.
- IF: 1.893
63 Carnevale D, Cifelli G, Mascio G, Madonna M, Sbroggiò M, Perrino C, Persico MG, Frati G, **Lembo G**. Placental growth factor regulates cardiac inflammation through the tissue inhibitor of metalloproteinases-3/tumor necrosis factor- α -converting enzyme axis: crucial role for adaptive cardiac remodeling during cardiac pressure overload. Circulation. 2011 Sep 20;124(12):1337-50.
- IF: 23.054
64 Carnevale D, **Lembo G**. 'Alzheimer-like' pathology in a murine model of arterial hypertension. Biochem Soc Trans. 2011 Aug 1;39(4):939-44.
- IF: 4.291
65 Bousser MG, Amarenco P, Chamorro A, Fisher M, Ford I, Fox KM, Hennerici MG, Mattle HP, Rothwell PM, de Cordoüe A, Fratacci MD; **PERFORM Study Investigators**. Terutroban versus aspirin in patients with cerebral ischaemic events (PERFORM): a randomised, double-blind, parallel-group trial. Lancet. 2011 Jun 11;377(9782):2013-22.
- IF: 59.102
66 Sbroggiò M, Carnevale D, Bertero A, Cifelli G, De Blasio E, Mascio G, Hirsch E, Bahou WF, Turco E, Silengo L, Brancaccio M, **Lembo G**, Tarone G. IQGAP1 regulates ERK1/2 and AKT signalling in the heart and sustains functional remodelling upon pressure overload. Cardiovasc Res. 2011 Aug 1;91(3):456-64.
- IF: 7.014
67 **Lembo G**, Grassi G. A lesson from polycystic ovarian syndrome: untangling the role of renal sympathetic nervous system on hypertension and insulin resistance. J Hypertens. 2011 May;29(5):836-7.
- IF: 4.209
68 Perino A, Ghigo A, Ferrero E, Morello F, Santulli G, Baillie GS, Damilano F, Dunlop AJ, Pawson C, Walser R, Levi R, Altruda F, Silengo L, Langeberg LK, Neubauer G, Heymans S, **Lembo G**, Wymann MP, Wetzker R, Houslay MD, Iaccarino G, Scott JD, Hirsch E. Integrating cardiac PIP3 and cAMP signaling through a PKA anchoring function of p110 γ . Mol Cell. 2011 Apr 8;42(1):84-95.
- IF: 14.548
69 Carnevale D, **Lembo G**, Frati G. Chronic Type A aortic dissection: could surgical intervention be guided by molecular markers? J Cell Mol Med. 2011 Jul;15(7):1615-9.
- IF: 4.658
70 Damilano F, Franco I, Perrino C, Schaefer K, Azzolino O, Carnevale D, Cifelli G, Carullo P, Ragona R, Ghigo A, Perino A, **Lembo G**, Hirsch E. Distinct effects of leukocyte and cardiac phosphoinositide 3-kinase γ activity in pressure overload-induced cardiac failure. Circulation. 2011 Feb 1;123(4):391-9.

IF: 23.054

71 Paoletti R, Maffei A, Madaro L, Notte A, Stanganello E, Cifelli G, Carullo P, Molinaro M, **Lembo G**, Bouché M. Protein kinase C θ is required for cardiomyocyte survival and cardiac remodeling. Cell Death Dis. 2010 May 27;1(5):e45.

IF: 5.959

72 Carnevale, D., **Lembo, G.** Hypertension and cerebrovascular dysfunction: Acute and chronic brain pathological alterations (Review). High Blood Pressure and Cardiovascular Prevention. Volume 17, Issue 4, 2010, Pages 191-200.

IF: -

73 Palumbo V, Segat L, Padovan L, Amoroso A, Trimarco B, Izzo R, **Lembo G**, Regiz Zagrosek V, Knoll R, Brancaccio M, Tarone G, Crovella S. "Melusin gene (ITGB1BP2) nucleotide variations study in hypertensive and cardiopathic patients". BMC Med Genet. 2009 Dec 17;10(1):140.

IF: 1.740

74 Konstam MA, Neaton JD, Dickstein K, Drexler H, Komajda M, Martinez FA, Riegger GA, Malbecq W, Smith RD, Gupta S, Poole-Wilson PA; **HEAAL Investigators.** "Effects of high-dose versus low-dose losartan on clinical outcomes in patients with heart failure (HEAAL study): a randomised, double-blind trial". Lancet. 2009 Nov 28;374(9704):1840-8.

IF: 59.102

75 Verdecchia P, Staessen JA, Angeli F, de Simone G, Achilli A, Ganau A, Mureddu G, Pede S, Maggioni AP, Lucci D, Reboldi G; **Cardio-Sis investigators.** "Usual versus tight control of systolic blood pressure in non-diabetic patients with hypertension (Cardio-Sis): an open-label randomised trial". Lancet. 2009 Aug 15;374(9689):525-33.

IF: 59.102

76 Vecchione C, Carnevale D, Di Pardo A, Gentile MT, Damato A, Cocozza G, Antenucci G, Mascio G, Bettarini U, Landolfi A, Iorio L, Maffei A, **Lembo G.** "Pressure-induced vascular oxidative stress is mediated through activation of integrin-linked kinase 1/betaPIX/Rac-1 pathway". Hypertension. 2009 Nov;54(5):1028-34.

IF: 7.017

77 Vecchione C, Frati A, Di Pardo A, Cifelli G, Carnevale D, Gentile MT, Carangi R, Landolfi A, Carullo P, Bettarini U, Antenucci G, Mascio G, Busceti CL, Notte A, Maffei A, Cantore GP, **Lembo G.** "Tumor necrosis factor- α mediates hemolysis-induced vasoconstriction and the cerebral vasospasm evoked by subarachnoid hemorrhage". Hypertension. 2009 Jul;54(1):150-6.

IF: 7.017

78 Maffei A, **Lembo G.** "Nitric oxide mechanisms of nebivolol". Ther Adv Cardiovasc Dis. 2009 Aug;3(4):317-27.

IF: -

79 Bousser MG, Amarenco P, Chamorro A, Fisher M, Ford I, Fox K, Hennerici MG, Mattle HP, Rothwell PM; **PERFORM Study Investigators.** "Rationale and design of a randomized, double-blind, parallel-group study of terutroban 30 mg/day versus aspirin 100 mg/day in stroke patients: the prevention of cerebrovascular and cardiovascular events of ischemic origin with terutroban in patients with a history of ischemic stroke or transient ischemic attack (PERFORM) study". Cerebrovasc Dis. 2009;27(5):509-18.

IF: 2.681

80 Nickenig G, Simanenkova V, **Lembo G**, Rodriguez P, Salko T, Ritter S, Zhang J. "Efficacy of aliskiren/hydrochlorothiazide single-pill combinations in aliskiren non-responders". Blood Press. 2008;17 Suppl 2:31-40.

IF: 2.292

81 The Telmisartan Randomised Assessment Study in ACE Intolerant subjects with cardiovascular Disease (**TRANSCEND**) **Investigators.** "Effects of the angiotensin-receptor blocker telmisartan on cardiovascular events in high-risk patients intolerant to angiotensin-converting enzyme inhibitors: a randomised controlled trial". Lancet. 2008 Sep 27;372(9644):1174-83.

IF: 59.102

82 Mann JF, Schmieder RE, McQueen M, Dyal L, Schumacher H, Pogue J, Wang X, Maggioni A, Budaj A, Chaithiraphan S, Dickstein K, Keltai M, Metsärinne K, Oto A, Parkhomenko A, Piegas LS, Svendsen TL, Teo KK, Yusuf S; **ONTARGET investigators.** "Renal outcomes with telmisartan, ramipril, or both, in people at high vascular risk (the ONTARGET study): a multicentre, randomised, double-blind, controlled trial". Lancet. 2008 Aug 16;372(9638):547-53.

IF: 59.102

83 Diener HC, Sacco RL, Yusuf S, Cotton D, Ounpuu S, Lawton WA, Palesch Y, Martin RH, Albers GW, Bath P, Bornstein N, Chan BP, Chen ST, Cunha L, Dahlöf B, De Keyser J, Donnan GA, Estol C, Gorelick P, Gu V, Hermansson K, Hilbrich L, Kaste M, Lu C, Machnig T, Pais P, Roberts R, Skvortsova V, Teal P, Toni D, VanderMaelen C, Voigt T, Weber M, Yoon BW; Prevention Regimen for Effectively Avoiding Second Strokes (**PRoFESS**) study group. "Effects of aspirin plus extended-release dipyridamole versus clopidogrel and telmisartan on disability and cognitive function after recurrent stroke in patients with ischaemic stroke in the Prevention Regimen for Effectively Avoiding Second Strokes (PRoFESS) trial: a double-blind, active and placebo-controlled study". Lancet Neurol. 2008 Oct;7(10):875-84.

IF: 59.102

84 Sacco RL, Diener HC, Yusuf S, Cotton D, Ounpuu S, Lawton WA, Palesch Y, Martin RH, Albers GW, Bath P, Bornstein N, Chan BP, Chen ST, Cunha L, Dahlöf B, De Keyser J, Donnan GA, Estol C, Gorelick P, Gu V, Hermansson K, Hilbrich L, Kaste M, Lu C, Machnig T, Pais P, Roberts R, Skvortsova V, Teal P, Toni D, Vandermaelen C, Voigt T, Weber M, Yoon BW; **PRoFESS Study Group**. "Aspirin and extended-release dipyridamole versus clopidogrel for recurrent stroke". N Engl J Med. 2008 Sep 18;359(12):1238-51. Epub 2008 Aug 27.

IF: 70.670

85 Yusuf S, Diener HC, Sacco RL, Cotton D, Ounpuu S, Lawton WA, Palesch Y, Martin RH, Albers GW, Bath P, Bornstein N, Chan BP, Chen ST, Cunha L, Dahlöf B, De Keyser J, Donnan GA, Estol C, Gorelick P, Gu V, Hermansson K, Hilbrich L, Kaste M, Lu C, Machnig T, Pais P, Roberts R, Skvortsova V, Teal P, Toni D, VanderMaelen C, Voigt T, Weber M, Yoon BW; **PRoFESS Study Group**. "Telmisartan to prevent recurrent stroke and cardiovascular events". N Engl J Med. 2008 Sep 18;359(12):1225-37.

IF: 70.670

86 **ONTARGET Investigators**, Yusuf S, Teo KK, Pogue J, Dyal L, Copland I, Schumacher H, Dagenais G, Sleight P, Anderson C. "Telmisartan, ramipril, or both in patients at high risk for vascular events". N Engl J Med. 2008 Apr 10;358(15):1547-59.

IF: 70.670

87 Roca-Cusachs A, Schmieder RE, Triposkiadis F, Wenzel RR, Laurent S, Kohlmann O Jr, Fogari R; **MORE Study Group**. "Efficacy of manidipine/delapril versus losartan/hydrochlorothiazide fixed combinations in patients with hypertension and diabetes". J Hypertens. 2008 Apr;26(4):813-8.

IF: 4.209

88 Tessari A, Pietrobon M, Notte A, Cifelli G, Gage PJ, Schneider MD, **Lembo G**, Campione M. "Myocardial Pitx2 differentially regulates the left atrial identity and ventricular asymmetric remodelling programs". Circ Res. 2008 Apr 11;102(7):813-22.

IF: 15.862

89 **Cardio-Sis Study Group**. "Randomized study of traditional versus aggressive systolic blood pressure control (Cardio-Sis): rationale, design and characteristics of the study population". J Hum Hypertens. 2008 Apr;22(4):243-51.

IF: 1.935

90 Gentile MT, Vecchione C, Marino G, Aretini A, Di Pardo A, Antenucci G, Maffei A, Cifelli G, Iorio L, Landolfi A, Frati G, **Lembo G**. "Resistin impairs insulin-evoked vasodilation". Diabetes. 2008 Mar;57(3):577-83.

IF: 7.199

91 Payeras AC, Sladek K, **Lembo G**, Alberici M. "Antihypertensive efficacy and safety of manidipine versus amlodipine in elderly subjects with isolated systolic hypertension: MAISH Study". Clin Drug Investig. 2007;27(9):623-32.

IF: 2.158

92 Maffei A, Di Pardo A, Carangi R, Carullo P, Poulet R, Gentile MT, Vecchione C, **Lembo G**. "Nebivolol induces nitric oxide release in the heart through inducible nitric oxide synthase activation". Hypertension. 2007 Oct;50(4):652-6.

IF: 7.017

93 Gentile MT, Poulet R, Di Pardo A, Cifelli G, Maffei A, Vecchione C, Passarelli F, Landolfi A, Carullo P, **Lembo G**. "β-Amyloid deposition in brain is enhanced in mouse models of arterial hypertension". Neurobiol Aging. 2009 Feb;30(2):222-8.

- IF: 4.398
 94 Vecchione C, Gentile MT, Aretini A, Marino G, Poulet R, Maffei A, Passarelli F, Landolfi A, Vasta A, **Lembo G**. “A novel mechanism of action for statins against diabetes-induced oxidative stress”. Diabetologia. 2007 Apr;50(4):874-80.
- IF: 7.113
 95 De Leonardis, A., Macciola, V., **Lembo, G.**, Aretini, A., Nag, A. Studies on oxidative stabilisation of lard by natural antioxidants recovered from olive-oil mill wastewater (Article). Food Chemistry. Volume 100, Issue 3, 2007, Pages 998-1004.
- IF: 5.399
 96 Morisco C, **Lembo G**, Trimarco B. “Insulin resistance and cardiovascular risk: New insights from molecular and cellular biology”. Trends Cardiovasc Med. 2006 Aug;16(6):183-8.
- IF: 4.462
 97 Maffei A, Vecchione C, Aretini A, Poulet R, Bettarini U, Gentile MT, Cifelli G, **Lembo G**. “Characterization of nitric oxide release by nebivolol and its metabolites”. Am J Hypertens. 2006 Jun;19(6):579-86.
- IF: 2.530
 98 Otero ML, Parisi G, Maffei A, Vecchione C, **Lembo G**; DEFIND Study Group. “Assessment of the antihypertensive efficacy of various doses of delapril by office and ambulatory blood pressure measurement: the DEFIND study”. Adv Ther. 2006 May-Jun;23(3):421-32.
- IF: 3.260
 99 Zacchigna L, Vecchione C, Notte A, Cordenonsi M, Dupont S, Maretto S, Cifelli G, Ferrari A, Maffei A, Fabbro C, Braghetta P, Marino G, Selvetella G, Aretini A, Colonnese C, Bettarini U, Russo G, Soligo S, Adorno M, Bonaldo P, Volpin D, Piccolo S, **Lembo G**, Bressan GM. “Emilin1 links TGF-beta maturation to blood pressure homeostasis.”. Cell. 2006 Mar 10;124(5): 929-42.
- IF: 36.216
 100 Hirsch E, **Lembo G**, Montrucchio G, Rommel C, Costa C, Barberis L. “Signaling through PI3Kgamma: a common platform for leukocyte, platelet and cardiovascular stress sensing”. Thromb Haemost. 2006 Jan; 95(1): 29-35.
- IF: 4.733
 101 Brancaccio M, Hirsch E, Notte A, Selvetella G, **Lembo G**, Tarone G. “Integrin signalling: The tug-of-war in heart hypertrophy”. Cardiovasc Res. 2006 Jun 1;70(3):422-33.
- IF: 7.014
 102 Vecchione C, Aretini A, Marino G, Bettarini U, Poulet R, Maffei A, Sbroggiò M, Pastore L, Gentile MT, Notte A, Iorio L, Hirsch E, Tarone G, **Lembo G**. “Selective Rac-1 Inhibition Protects From Diabetes-Induced Vascular Injury”. Circ Res. 2006 Feb 3;98(2):218-25.
- IF: 15.862
 103 Poulet R, Gentile MT, Vecchione C, Distaso M, Aretini A, Fratta L, Russo G, Echart C, Maffei A, De Simoni MG, **Lembo G**. “Acute hypertension induces oxidative stress in brain tissues”. J Cereb Blood Flow Metab. 2006 Feb;26(2):253-262.
- IF: 6.040
 104 Potenza N, Vecchione C, Notte A, De Rienzo A, Rosica A, Bauer L, Affuso A, De Felice M, Russo T, Poulet R, Cifelli G, De Vita G, **Lembo G**, Di Lauro R. “Replacement of K-Ras with H-Ras supports normal embryonic development despite inducing cardiovascular pathology in adult mice”. EMBO Rep. 2005 May;6(5):432-437.
- IF: 8.383
 105 Selvetella G, **Lembo G**. “Mechanisms of cardiac hypertrophy”. Heart Fail Clin. 2005 Jul;1(2):263-73.
- IF: 1.895
 106 De Acetis M, Notte A, Accornero F, Selvetella G, Brancaccio M, Vecchione C, Sbroggiò M, Collino F, Pacchioni B, Lanfranchi G, Aretini A, Ferretti R, Maffei A, Altruda F, Silengo L, Tarone G, **Lembo G**. “Cardiac Overexpression of Melusin Protects From Dilated Cardiomyopathy Due to Long-Standing Pressure Overload”. Circ Res. 2005 May 27; 96:1087-1094.
- IF: 15.862
 107 Cosentino F, Savoia C, De Paolis P, Francia P, Russo A, Maffei A, Venturelli V, Schiavoni M, **Lembo G**, Volpe M. “Angiotensin II type 2 receptors contribute to vascular responses in spontaneously

- hypertensive rats treated with angiotensin II type 1 receptor antagonists". Am J Hypertens. 2005 Apr;18(4 Pt 1):493-9.
IF: 2.530
- 108 Vecchione C, Patrucco E, Marino G, Barberis L, Poulet R, Aretini A, Maffei A, Gentile MT, Storto M, Azzolino O, Brancaccio M, Colussi GL, Bettarini U, Altruda F, Silengo L, Tarone G, Wymann MP, Hirsch E, **Lembo G**. "Protection from angiotensin II-mediated vasculotoxic and hypertensive response in mice lacking PI3K{gamma}". J Exp Med. 2005 Apr 18;201(8):1217-28.
IF: 10.892
- 109 Gentile MT, Vecchione C, Maffei A, Aretini A, Marino G, Poulet R, Capobianco L, Selvetella G, **Lembo G**. "Mechanisms of soluble beta-amyloid impairment of endothelial function". J Biol Chem. 2004 Nov 12;279(46):48135-42.
IF: 4.106
- 110 Patrucco E, Notte A, Barberis L, Selvetella G, Maffei A, Brancaccio M, Marengo S, Russo G, Azzolino O, Rybalkin SD, Silengo L, Altruda F, Wetzker R, Wymann MP, **Lembo G**, Hirsch E. "PI3Kgamma modulates the cardiac response to chronic pressure overload by distinct kinase-dependent and -independent effects". Cell. 2004 Aug 6;118(3):375-87.
IF: 36.216
- 111 Selvetella G, Hirsch E, Notte A, Tarone G, **Lembo G**. "Adaptive and maladaptive hypertrophic pathways: points of convergence and divergence". Cardiovasc Res. 2004 Aug 15;63(3):373-80.
IF: 7.014
- 112 Alloatti G, Montrucchio G, **Lembo G**, Hirsch E. "Phosphoinositide 3-kinase gamma: kinase-dependent and -independent activities in cardiovascular function and disease". Biochem Soc Trans. 2004 Apr;32(Pt 2):383-6. Review.
IF: 4.291
- 113 Gentile MT, **Lembo G**. "Polymorphisms in human endothelin-converting enzyme (ECE-1) promoter can modulate ECE-1 gene expression". J Hypertens. 2003 Nov;21(11):2013-4.
IF: 4.209
- 114 Tarone G, **Lembo G**. "Molecular interplay between mechanical and humoral signalling in cardiac hypertrophy". Trends Mol Med. 2003 Sep;9(9):376-82.
IF: 11.028
- 115 Battaglia G, Fornai F, Busceti CL, **Lembo G**, Nicoletti F, De Blasi A. "Alpha-1B adrenergic receptor knockout mice are protected against methamphetamine toxicity". J Neurochem. 2003 Jul;86(2):413-21.
IF: 4.870
- 116 Vecchione C, Aretini A, Maffei A, Marino G, Selvetella G, Poulet R, Trimarco V, Frati G, **Lembo G**. "Cooperation between insulin and leptin in the modulation of vascular tone". Hypertension. 2003 Aug;42(2):166-70.
IF: 7.017
- 117 Selvetella G, Notte A, Maffei A, Calistri V, Scamardella V, Frati G, Trimarco B, Colonnese C, **Lembo G**. "Left ventricular hypertrophy is associated with asymptomatic cerebral damage in hypertensive patients". Stroke. 2003 Jul;34(7):1766-70.
IF: 6.046
- 118 Selvetella G, Maffei A, **Lembo G**. "Erythrocyte-derived depressing factor: a novel cardiovascular player?". J Hypertens. 2003 Jun;21(6):1087-8.
IF: 4.209
- 119 Brancaccio M, Fratta L, Notte A, Hirsch E, Poulet R, Guazzone S, De Acetis M, Vecchione C, Marino G, Altruda F, Silengo L, Tarone G, **Lembo G**. "Melusin, a muscle-specific integrin beta1-interacting protein, is required to prevent cardiac failure in response to chronic pressure overload". Nat Med. 2003 Jan;9(1):68-75.
IF: 30.641
- 120 Crackower MA, Oudit GY, Kozieradzki I, Sarao R, Sun H, Sasaki T, Hirsch E, Suzuki A, Shioi T, Irie-Sasaki J, Sah R, Cheng HY, Rybin VO, **Lembo G**, Fratta L, Oliveira-dos-Santos AJ, Benovic JL, Kahn CR, Izumo S, Steinberg SF, Wymann MP, Backx PH, Penninger JM. "Regulation of myocardial contractility and cell size by distinct PI3K-PTEN signaling pathways". Cell. 2002 Sep 20;110(6):737-49.
IF: 36.216

- 121 Maffei A, Poulet R, Vecchione C, Colella S, Fratta L, Frati G, Trimarco V, Trimarco B, **Lembo G**. "Increased basal nitric oxide release despite enhanced free radical production in hypertension". J Hypertens. 2002 Jun;20(6):1135-42. IF: 4.209
- 122 Vecchione C, Fratta L, Rizzoni D, Notte A, Poulet R, Porteri E, Frati G, Guelfi D, Trimarco V, Mulvany MJ, Agabiti-Rosei E, Trimarco B, Cotecchia S, **Lembo G**. "Cardiovascular influences of alpha1b-adrenergic receptor defect in mice". Circulation. 2002 Apr 9;105(14):1700-7. IF: 23.054
- 123 Vecchione C, Maffei A, Colella S, Aretini A, Poulet R, Frati G, Gentile MT, Fratta L, Trimarco V, Trimarco B, **Lembo G**. "Leptin effect on endothelial nitric oxide is mediated through Akt-endothelial nitric oxide synthase phosphorylation pathway". Diabetes. 2002 Jan;51(1):168-73. IF: 7.199
- 124 Baldassarre G, Tucci M, **Lembo G**, Pacifico FM, Dono R, Lago CT, Barra A, Bianco C, Viglietto G, Salomon D, Persico MG. "A truncated form of teratocarcinoma-derived growth factor-1 (cripto-1) mRNA expressed in human colon carcinoma cell lines and tumors". Tumor Biol. 2001 Sep-Oct;22(5):286-93. IF: 3.650
- 125 Vecchione C, Colella S, Fratta L, Gentile MT, Selvetella G, Frati G, Trimarco B, **Lembo G**. "Impaired insulin-like growth factor I vasorelaxant effects in hypertension". Hypertension. 2001 Jun;37(6):1480-5. IF: 7.017
- 126 **Lembo G**, De Luca N, Battagli C, Iovino G, Aretini A, Musicco M, Frati G, Pompeo F, Vecchione C, Trimarco B. "A common variant of endothelial nitric oxide synthase (Glu298Asp) is an independent risk factor for carotid atherosclerosis". Stroke. 2001 Mar;32(3):735-40. IF: 6.046
- 127 Capaldo B, **Lembo G**, Rendina V, Guida R, Marzullo P, Colao A, Lombardi G, Sacca L. "Muscle sympathetic nerve activity in patients with acromegaly". J Clin Endocrinol Metab. 2000 Sep;85(9):3203-7. IF: 5.605
- 128 **Lembo G**, Vecchione C, Izzo R, Fratta L, Fontana D, Marino G, Pilato G, Trimarco B. "Noradrenergic vascular hyper-responsiveness in human hypertension is dependent on oxygen free radical impairment of nitric oxide activity". Circulation. 2000 Aug 1;102(5):552-7. IF: 23.054
- 129 **Lembo G**, Vecchione C, Fratta L, Marino G, Trimarco V, d'Amati G, Trimarco B. "Leptin induces direct vasodilation through distinct endothelial mechanisms". Diabetes. 2000 Feb;49(2):293-7. IF: 7.199
- 130 Morisco C, Condorelli G, Orzi F, Vigliotta G, Di Grezia R, Beguinot F, Trimarco B, **Lembo G**. "Insulin-stimulated cardiac glucose uptake is impaired in spontaneously hypertensive rats: role of early steps of insulin signalling". J Hypertens. 2000 Apr;18(4):465-73. IF: 4.209
- 131 Orzi F, Morisco C, Colangelo V, Di Grezia R, **Lembo G**. "Lack of effect of insulin on glucose utilization of the hypothalamus in normotensive and hypertensive rats". Neurosci Lett. 2000 Jan 7;278(1-2):29-32. IF: 2.173
- 132 Scognamiglio B, Baldassarre G, Cassano C, Tucci M, Montuori N, Dono R, **Lembo G**, Barra A, Lago CT, Viglietto G, Rocchi M, Persico MG. "Assignment of human teratocarcinoma derived growth factor (TDGF) sequences to chromosomes 2q37, 3q22, 6p25 and 19q13.1". Cytogenet Cell Genet. 1999;84(3-4):220-4. IF: 1.162
- 133 Condorelli G, Morisco C, Stassi G, Notte A, Farina F, Sgaramella G, de Rienzo A, Roncarati R, Trimarco B, **Lembo G**. "Increased cardiomyocyte apoptosis and changes in proapoptotic and antiapoptotic genes bax and bcl-2 during left ventricular adaptations to chronic pressure overload in the rat". Circulation. 1999 Jun 15;99(23):3071-8. IF: 23.054
- 134 **Lembo G**, Morisco C, Lanni F, Barbato E, Vecchione C, Fratta L, Trimarco B. "Systemic hypertension and coronary artery disease: the link". Am J Cardiol. 1998 Aug 6;82(3A):2H-7H. IF: 2.843

- 135 Vecchione C, Morisco C, Fratta L, Argenziano L, Trimarco B, **Lembo G**. “Dietary sodium restriction impairs endothelial effect of insulin”. Hypertension. 1998 Jun;31(6):1261-5.
IF: 7.017
- 136 Morisco C, **Lembo G**, Sarno D, Argenziano L, Fratta L, Rozza F, Trimarco B. “Benefits of combination therapy in hypertensive patients with associated coronary artery disease: a subgroup with specific demands”. J Cardiovasc Pharmacol. 1998;31 Suppl 2:S27-33.
IF: 2.371
- 137 Capaldo B, **Lembo G**, Rendina V, Vigorito C, Guida R, Cuocolo A, Fazio S, Sacca L. “Sympathetic deactivation by growth hormone treatment in patients with dilated cardiomyopathy”. Eur Heart J. 1998 Apr;19(4):623-7.
IF: 23.239
- 138 **Lembo G**, Iaccarino G, Vecchione C, Barbato E, Morisco C, Monti F, Parrella L, Trimarco B. “Insulin enhances endothelial alpha2-adrenergic vasorelaxation by a pertussis toxin mechanism”. Hypertension. 1997 Nov;30(5):1128-34.
IF: 7.017
- 139 **Lembo G**, Iaccarino G, Vecchione C, Barbato E, Izzo R, Fontana D, Trimarco B. “Insulin modulation of an endothelial nitric oxide component present in the alpha2- and beta-adrenergic responses in human forearm”. J Clin Invest. 1997 Oct 15;100(8):2007-14.
IF: 12.282
- 140 Cavalli A, Lattion AL, Hummler E, Nenniger M, Pedrazzini T, Aubert JF, Michel MC, Yang M, **Lembo G**, Vecchione C, Mostardini M, Schmidt A, Beermann F, Cotecchia S. “Decreased blood pressure response in mice deficient of the alpha1b-adrenergic receptor”. Proc Natl Acad Sci U S A. 1997 Oct 14;94(21):11589-94.
IF: 9.580
- 141 Vecchione C, **Lembo G**, Trimarco B. [Insulin and arterial hypertension] Cardiologia. 1997 Oct;42(10):1045-9. Review. Italian.
IF: -
- 142 **Lembo G**, Morella, A., Lanni, F., Monti, F., Rozza, F., Trimarco, B. Vascular insulin resistance in hypertension (Article). Nutrition, Metabolism and Cardiovascular Diseases. Volume 7, Issue 2, April 1997, Pages 124-126.
IF: 3.340
- 143 **Lembo G**, Rockman HA, Hunter JJ, Steinmetz H, Koch WJ, Ma L, Prinz MP, Ross J Jr, Chien KR, Powell-Braxton L. “Elevated blood pressure and enhanced myocardial contractility in mice with severe IGF-1 deficiency”. J Clin Invest. 1996 Dec 1;98(11):2648-55.
IF: 12.282
- 144 **Lembo G**, Iaccarino G, Vecchione C, Rendina V, Parrella L, Trimarco B. “Insulin modulation of beta-adrenergic vasodilator pathway in human forearm”. Circulation. 1996 Apr 1;93(7):1403-10.
IF: 23.054
- 145 Romano M, Monteforte I, Cardei S, Lerro A, Celano G, Mazza A, Capaldo M, Paglia N, Campopiano A, **Lembo G**, Trimarco B, Condorelli M. “Cardiopulmonary exercise response in patients with left ventricular dysfunction or heart failure: a noninvasive study by gas exchange and impedance cardiography monitoring”. Cardiology. 1996 Mar-Apr;87(2):147-52.
IF: 1.561
- 146 **Lembo G**, Vecchione C, Iaccarino G, Trimarco B. “The crosstalk between insulin and the sympathetic nervous system: possible implications in the pathogenesis of essential hypertension”. Blood Press Suppl. 1996;1:38-42.
IF: 2.292
- 147 **Lembo G**, Vecchione C, Morisco C, Fratta L, Argenziano L, Sarno D, Trimarco B. [Arterial hypertension and atherosclerosis: their epidemiology and physiopathology] Ann Ital Med Int. 1995 Oct;10 Suppl:69S-72S.
IF:-
- 148 **Lembo G**, Iaccarino G, Vecchione C, Rendina V, Trimarco B. “Insulin modulation of vascular reactivity is already impaired in prehypertensive spontaneously hypertensive rats”. Hypertension. 1995 Aug;26(2):290-3.
IF: 7.017

- 149 **Lembo G**, Hunter JJ, Chien KR. "Signaling pathways for cardiac growth and hypertrophy. Recent advances and prospects for growth factor therapy". Ann N Y Acad Sci. 1995 Mar 27;752:115-27.
IF: 4.295
- 150 **Lembo G**, Iaccarino G, Rendina V, Volpe M, Trimarco B. Insulin blunts sympathetic vasoconstriction through the alpha 2-adrenergic pathway in humans. Hypertension. 1994 Oct;24(4):429-38. PubMed PMID: 7916334.
IF: 7.017
- 151 **Lembo G**, Capaldo B, Rendina V, Iaccarino G, Napoli R, Guida R, Trimarco B, Sacca L. "Acute noradrenergic activation induces insulin resistance in human skeletal muscle". Am J Physiol. 1994 Feb;266(2 Pt 1):E242-7.
IF: 4.018
- 152 Rendina V, Iaccarino G, Russo R, Enea J, Marchegiano R, **Lembo G**, Trimarco B. "Trandolapril in patients with essential hypertension: effects on vascular and cardiac structural changes". J Cardiovasc Pharmacol. 1994;23 Suppl 1:S20-4.
IF: 2.371
- 153 **Lembo G**, Rendina V, Iaccarino G, Lamenza F, Condorelli G, Rosiello G, Trimarco B. "Insulin does not modulate reflex forearm sympathetic vasoconstriction in patients with essential hypertension". J Hypertens Suppl. 1993 Dec;11 Suppl 5:S272-3.
IF: 4.209
- 154 **Lembo G**, Rendina V, Iaccarino G, De Luca N, Ricciardelli B, Volpe M, Trimarco B. "Digitalis restores the forearm sympathetic response to cardiopulmonary receptor unloading in hypertensive patients with left ventricular hypertrophy". J Hypertens. 1993 Dec;11(12):1395-402.
IF: 4.209
- 155 Volpe M, Rubattu S, Ganten D, Enea I, Russo R, **Lembo G**, Mirante A, Condorelli G, Trimarco B. "Dietary salt excess unmasks blunted aldosterone suppression and sodium retention in the stroke-prone phenotype of the spontaneously hypertensive rat". J Hypertens. 1993 Aug;11(8):793-8.
IF: 4.209
- 156 **Lembo G**, Rendina V, Iaccarino G, Lamenza F, Volpe M, Trimarco B. "Insulin reduces reflex forearm sympathetic vasoconstriction in healthy humans". Hypertension. 1993 Jun;21(6 Pt 2):1015-9.
IF: 7.017
- 157 De Luca N, Savonitto S, Ricciardelli B, Marchegiano R, Lamenza F, **Lembo G**, Trimarco B. "Effects of the single and repeated administration of benazepril on systemic and forearm circulation and cardiac function in hypertensive patients". Cardiovasc Drugs Ther. 1993 Apr;7(2):211-6.
IF: 4.181
- 158 Focaccio A, Volpe M, Ambrosio G, **Lembo G**, Pannain S, Rubattu S, Enea I, Pignalosa S, Chiariello M. "Angiotensin II directly stimulates release of atrial natriuretic factor in isolated rabbit hearts". Circulation. 1993 Jan;87(1):192-8.
IF: 23.054
- 159 Volpe M, Tritto C, De Luca N, Rubattu S, Mele AF, **Lembo G**, Enea I, deCampa P, Rendina V, Romano M, et al. "Angiotensin converting enzyme inhibition restores cardiac and hormonal responses to volume overload in patients with dilated cardiomyopathy and mild heart failure". Circulation. 1992 Dec;86(6):1800-9.
IF: 23.054
- 160 **Lembo G**, Napoli R, Capaldo B, Rendina V, Iaccarino G, Volpe M, Trimarco B, Sacca L. "Abnormal sympathetic overactivity evoked by insulin in the skeletal muscle of patients with essential hypertension". J Clin Invest. 1992 Jul;90(1):24-9.
IF: 12.282
- 161 Pepino P, Volpe M, Rose EA, Panza A, **Lembo G**, Pignalosa S, Barr ML, Covino E, Condorelli M, Smith CR. "Effect of complete cardiac denervation on atrial natriuretic factor release in baboons". J Surg Res. 1992 Jul;53(1):43-7.
IF: 1.872
- 162 Capaldo B, **Lembo G**, Napoli R, Rendina V, Albano G, Sacca L, Trimarco B. "Skeletal muscle is a primary site of insulin resistance in essential hypertension". Metabolism. 1991 Dec;40(12):1320-2.
IF: 5.963

- 163 Volpe M, Tritto C, Mele AF, **Lembo G**, deCampora P, Rubattu S, Trimarco B, Condorelli M. "Impairment of atrial natriuretic factor response to acute saline load in hypertensives with family history of cardiovascular accidents". J Hypertens Suppl. 1991 Dec;9(6):S254-5. IF: 4.209
- 164 Maurelli L, Cuocolo A, Lastoria S, Brunetti A, Maurea S, **Lembo G**, Klain M, Caraco C, Salvatore M. [131I-meta-iodobenzylguanidine scintigraphy in patients with a suspected pheochromocytoma. A comparison with CT and biohumoral parameters] Radiol Med. 1991 Dec;82(6):839-43. IF: 1.420
- 165 Volpe M, Tritto C, De Luca N, Mele AF, **Lembo G**, Rubattu S, Romano M, De Campora P, Enea I, Ricciardelli B, et al. "Failure of atrial natriuretic factor to increase with saline load in patients with dilated cardiomyopathy and mild heart failure". J Clin Invest. 1991 Nov;88(5):1481-9. IF: 12.282
- 166 Trimarco B, **Lembo G**, Ricciardelli B, De Luca N, Rendina V, Condorelli G, Volpe M. "Salt-induced plasticity in cardiopulmonary baroreceptor reflexes in salt-resistant hypertensive patients". Hypertension. 1991 Oct;18(4):483-93. IF: 7.017
- 167 Volpe M, **Lembo G**, De Luca N, Lamenza F, Tritto C, Ricciardelli B, Molaro M, De Campora P, Condorelli G, Rendina V, et al. "Abnormal hormonal and renal responses to saline load in hypertensive patients with parental history of cardiovascular accidents". Circulation. 1991 Jul;84(1):92-100. IF: 23.054
- 168 Volpe M, Pepino P, **Lembo G**, Pignalosa S, Mele AF, Rubattu S, Condorelli G, Covino E, Trimarco B. Modulatory role of angiotensin-II in the secretion of atrial natriuretic factor in rabbits. Endocrinology. 1991 May;128(5):2427-31. IF: 3.800
- 169 Indolfi C, Piscione F, Volpe M, **Lembo G**, De Campora P, Russolillo E, Ambrosini V, Condorelli M, Chiariello M. [The effects of atrial natriuretic peptide on left ventricular function in subjects with heart failure]. Cardiologia. 1991 May;36(5):351-6. IF: -
- 170 Tritto C, Volpe M, **Lembo G**, DeLuca N, Ricciardelli B, Marchegiano R, Mele AF, Trimarco B, Condorelli M. [The early hemodynamic and hormonal changes in patients with left ventricular dysfunction]. Cardiologia. 1991 Feb;36(2):99-106. IF: -
- 171 Volpe M, Atlas SA, **Lembo G**, Mele AF, De Campora P, Pepino P, Tritto C, Mirante A, Trimarco B, Condorelli M. [Hormonal control of the endocrine function of the heart]. Cardiologia. 1990 Dec;35(12):983-9. IF: -
- 172 Trimarco B, de Luca N, Ricciardelli B, Rosiello G, **Lembo G**, Rendina V, Raponi M, Marchegiano R, Volpe M. [Coronary effects of left ventricular hypertrophy associated with hypertension]. Arch Mal Coeur Vaiss. 1990 Dec;83 Spec No 4:63-6. Review. IF: -
- 173 Volpe M, **Lembo G**, Condorelli G, De Luca N, Lamenza F, Indolfi C, Trimarco B. "Converting enzyme inhibition prevents the effects of atrial natriuretic factor on baroreflex responses in humans". Circulation. 1990 Oct;82(4):1214-21. IF: 23.054
- 174 Trimarco B, **Lembo G**, De Luca N, Ricciardelli B, Rosiello G, Condorelli G, Volpe M. "Cardiopulmonary receptors and coronary circulation". J Auton Nerv Syst. 1990 Jul;30 Suppl:S173-7. IF: 2.467
- 175 Trimarco B, Chierchia S, **Lembo G**, De Luca N, Ricciardelli B, Condorelli G, Volpe M, Condorelli M. "Prolonged duration of myocardial ischemia in patients with coronary heart disease and impaired cardiopulmonary baroreceptor sensitivity". Circulation. 1990 Jun;81(6):1792-802. IF: 23.054
- 176 Trimarco B, **Lembo G**, De Luca N, Volpe M, Ricciardelli B, Condorelli G, Rosiello G, Condorelli M. "Blunted sympathetic response to cardiopulmonary receptor unloading in hypertensive patients with left ventricular hypertrophy. A possible compensatory role of atrial natriuretic factor". Circulation. 1989 Oct;80(4):883-92. IF: 23.054

- 177 Volpe M, Cuocolo A, Vecchione F, **Lembo G**, Pignalosa S, Condorelli M, Trimarco B. "Influence of volume expansion on hemodynamic effects of atrial natriuretic factor in rabbits". Am J Physiol. 1989 Mar;256(3 Pt 2):H852-8.
IF: 3.569
- 178 Indolfi C, Piscione F, Volpe M, Focaccio A, **Lembo G**, Trimarco B, Condorelli M, Chiariello M. "Cardiac effects of atrial natriuretic peptide in subjects with normal left ventricular function". Am J Cardiol. 1989 Feb 1;63(5):353-7.
IF: 2.843
- 179 Trimarco B, De Luca N, Ricciardelli B, Rosiello G, Volpe M, Condorelli G, **Lembo G**, Condorelli M. "Cardiac function in systemic hypertension before and after reversal of left ventricular hypertrophy". Am J Cardiol. 1988 Oct 1;62(10 Pt 1):745-50.
IF: 2.843
- 180 Volpe M, **Lembo G**, Morganti A, Condorelli M, Trimarco B. "Contribution of the renin-angiotensin system and of the sympathetic nervous system to blood pressure homeostasis during chronic restriction of sodium intake". Am J Hypertens. 1988 Oct;1(4 Pt 1):353-8.
IF: 2.530
- 181 Volpe M, Vecchione F, Cuocolo A, **Lembo G**, Pignalosa S, Condorelli M, Trimarco B. "Hemodynamic responses to atrial natriuretic factor in nephrectomized rabbits: attenuation of the circulatory consequences of acute volume expansion". Circ Res. 1988 Aug;63(2):322-9.
IF: 15.862
- 182 Trimarco B, Vigorito C, Cuocolo A, Ricciardelli B, De Luca N, Volpe M, **Lembo G**, Condorelli M. "Reflex control of coronary vascular tone by cardiopulmonary receptors in humans". J Am Coll Cardiol. 1988 May;11(5):944-52.
IF: 18.639
- 183 Volpe M, DeLuca N, Atlas SA, Camargo MJ, Indolfi C, **Lembo G**, Trimarco B, Condorelli M, Laragh JH. "Reduction of atrial natriuretic factor circulating levels by endogenous sympathetic activation in hypertensive patients". Circulation. 1988 May;77(5):997-1002.
IF: 23.054
- 184 Volpe M, De Luca N, Bigazzi MC, Vecchione F, **Lembo G**, Condorelli M, Trimarco B. "Atrial natriuretic factor potentiates forearm reflex vasoconstriction induced by cardiopulmonary receptor deactivation in man". Circulation. 1988 Apr;77(4):849-55.
IF: 23.054
- 185 De Luca N, Ricciardelli B, Rosiello G, **Lembo G**, Volpe M, Cuocolo A, Trimarco B. "Stable improvement in large artery compliance after long-term antihypertensive treatment with enalapril". Am J Hypertens. 1988 Apr;1(2):181-3.
IF: 2.530
- 186 Trimarco B, Rosiello G, Feldhaus P, Steinijs VW, Vecchione F, Cuocolo A, **Lembo G**, Volpe M. "Efficacy of once-daily urapidil treatment in mild or moderate essential hypertension assessed by ambulatory 24-hour blood pressure monitoring". Drugs. 1988;35 Suppl 6:173-81.
IF: 4.993
- 187 Trimarco B, **Lembo G**, DeLuca N, Ricciardelli B, Rosiello G, Volpe M, Orofino G, Condorelli M. "Long-term reduction of peripheral resistance with celiprolol and effects on left ventricular mass". J Int Med Res. 1988;16 Suppl 1:62A-72A.
IF: 1.351
- 188 Volpe M, De Luca N, **Lembo G**, Rosiello G, Vecchione F, Condorelli M, Trimarco B. "Influence of atrial natriuretic factor on forearm reflex vasoconstriction induced by cardiopulmonary or arterial receptor unloading". J Hypertens Suppl. 1987 Dec;5(5):S63-5.
IF: 4.209
- 189 Trimarco B, De Luca N, De Simone A, Volpe M, Ricciardelli B, **Lembo G**, Condorelli M. "Impaired control of vasopressin release in hypertensive subjects with cardiac hypertrophy". Hypertension. 1987 Dec;10(6):595-602.
IF: 7.017
- 190 **Lembo G**, Autiero C, Morganti A, Ricci A, Volpe M, Condorelli M. [Mechanisms of regulation of arterial blood pressure: role of the sympathetic nervous system and of the renin-angiotensin system in patients on a low-sodium diet] Minerva Med. 1987 Dec 15;78(23):1745-52.
IF: 2.475

- 191 Volpe M, Mele AF, Indolfi C, De Luca N, **Lembo G**, Focaccio A, Condorelli M, Trimarco B. "Hemodynamic and hormonal effects of atrial natriuretic factor in patients with essential hypertension". J Am Coll Cardiol. 1987 Oct;10(4):787-93. IF: 18.639
- 192 Trimarco B, De Luca N, Cuocolo A, Ricciardelli B, Rosiello G, **Lembo G**, Volpe M. "Beta blockers and left ventricular hypertrophy in hypertension". Am Heart J. 1987 Oct;114(4 Pt 2):975-83. Review. IF: 4.023
- 193 Trimarco B, **Lembo G**, De Luca N, Ricciardelli B, Rosiello G, Volpe M, Orofino G, Condorelli M. "Effects of celiprolol on systemic and forearm circulation in hypertensive patients: a double-blind cross-over study versus metoprolol". J Clin Pharmacol. 1987 Aug;27(8):593-600. IF: 2.915
- 194 Trimarco B, De Luca N, Ricciardelli B, Cuocolo A, Rosiello G, **Lembo G**, Volpe M. "Effects of lower body negative pressure in hypertensive patients with left ventricular hypertrophy". J Hypertens Suppl. 1986 Dec;4(5):S306-9. IF: 4.209
- 195 Trimarco B, Ricciardelli B, de Luca N, Cuocolo A, Volpe M, **Lembo G**, Condorelli M. "Reversal of left ventricular hypertrophy following treatment with beta-blockers: experience with tertatolol". Am J Nephrol. 1986;6 Suppl 2:94-9. IF: 2.961

N. CAPITOLI DI LIBRO

B. Trimarco, A. Cuocolo, N. De Luca, **G. Lembo**, A.F. Mele, B. Ricciardelli, M. Volpe. "Angiotensin converting enzyme inhibitors. Hemodynamic and clinical effects in heart failure." **Selected Topics in Cardiology**, G.Critelli ed., L. Pozzi, Roma, Italia, 1985.

G. Lembo, V. Rendina, B. Trimarco. "Recettori Cardiopolmonari E Regolazione Del Tono Vascolare Coronarico." **Il Punto Su: Cuore e Sistema Nervoso Vegetativo**, A. L'Abbate - P.J. Schwartz eds. OIC Medical Press, Firenze, Italia, 1990.

P. Doevendans, J.J. Hunter, **G. Lembo**, K. Wollert, K. R. Chien. "Strategies for studying cardiovascular disease in transgenic and gene-targeted mice." **Strategies in Transgenic Animal Science**, edited by G.M. Monastersky and J.M. Robl. Washington, DC: Am. Soc. Microbiol., USA, 1995.

G. Lembo. "Hormones and signalling pathways." **Cardiovascular Genomics: New Pathophysiological Concepts**, edited by Doevendans PA, Kluwer Academic Pub, Maastricht, Olanda, 2001.

G. Marino, **G. Lembo**. "Effetti del trattamento sulla placca." **La placca: dalla placca vulnerabile al paziente vulnerabile**. Edited by P. Iannelli. Pharma Project Group, Saronno, Italia, 2005.

G. Selvetella, **G. Lembo**. "Mechanisms of cardiac hypertrophy." **Heart Failure Clinics**, Capital City Press, Barre,VT, USA, 2005.

G. Selvetella, **G. Lembo**. "Cardiac hypertrophy." **Molecular mechanisms of heart diseases**, edited by Y. Mizukami, T. Ohkusa. Research Signpost, Kerala, India, 2005.

G. Lembo, A. Maffei, L. Frati. "Ipertensione Arteriosa." **Diagnostica molecolare nella medicina di laboratorio**, edited by C. Balestrieri, M. D'Amora, A. Giordano, C. Napoli, A. Pavan. Piccin Nuova Libreria, Padova, Italia, 2008.

Autorizzo il trattamento dei miei dati personali ai sensi del Dlgs 196 del 30 giugno 2003 e dell'art. 13 GDPR (Regolamento UE 2016/679).

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