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Decreto Rettore Università di Roma "La Sapienza" n 1482/2020 del 09/06/2020

Speranza Donatella Rubattu
Curriculum Vitae
ai fini della pubblicazione

Place: Roma

Date: 18/06/2020

Part I – General Information

Full Name	Speranza Donatella Rubattu
Citizenship	Italiana
Spoken Languages	Inglese

Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	1983	Universita' degli Studi di Sassari	Laurea in Medicina e Chirurgia con lode
Medical Licensing	1983	Ordine dei Medici di Sassari	Abilitazione all'esercizio professionale
Specialty	1987	Universita' degli Studi di Sassari	Specializzazione in Cardiologia con lode

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
1998	2001	Universita' Sapienza di Roma	Ricercatore Universitario SSD F07A-Medicina Interna
2001	2003	Universita' Sapienza di Roma	Ricercatore Universitario SSD MED09 - Medicina Interna
Gen 2004	Dic. 2004	Universita' Sapienza di Roma	Ricercatore Universitario SSD MED11 - Malattie dell'apparato cardiovascolare
Gen 2005	Ott. 2008	Universita' Sapienza di Roma	Professore Associato SSD M-EDF/01- Metodi e Didattiche delle attivita' motorie
Nov.2008	Pres.	Universita' Sapienza di Roma	Professore Associato SSD MED/11

IIIB – Medical Appointments

Start	End	Institution	Position
Maggio 2000	Agosto 2002	Divisione di Clinica Medica 5-Dip. di Fisiopatologia Medica, Policlinico	Dirigente Medico I livello

		Umberto I, Universita' Sapienza di Roma	
Sett 2002	Present	UOC Cardiologia - AOU S'Andrea di Roma	Dirigente Medico I livello
2015	Present.	AOU S'Andrea di Roma	Attivita' di Consulente cardiologo nel servizio di diagnostica genetico-molecolare dei pazienti affetti da cardiopatie ereditarie, in collaborazione con la UOC Genetica Medica e Diagnostica Cellulare Avanzata della AOU S'Andrea di Roma.

III C – Other Appointments

Start	End	Institution	Position
1986	1990	Cardiovascular Center, Cornell University Medical College-The New York Hospital, New York (USA)	Visiting Research Fellow
1990	1994	Istituto di Medicina Interna, Universita' degli Studi Federico II di Napoli	Borsista con attivita' di ricerca e clinica
Luglio 1993	Agosto 1993	Laboratory of Molecular Cardiology, Children's Hospital, Harvard Medical School, Boston (USA)	Visiting Research Fellow
1993	1994	Consiglio Nazionale delle Ricerche	Borsista con attivita' di ricerca
1994	1997	Department of Medicine, Cardiovascular Division, Brigham and Women's Hospital, Harvard Medical School, Boston (USA)	Visiting Research Fellow
1998	Pres.	Unita' di "Basi sperimentali e cliniche della patologia cardiovascolare", Dipartimento di Angio-cardio-neurologia e Medicina Traslazionale, IRCCS Neuromed, Pozzilli (Isernia)	Consulente scientifico e co-responsabile di Unita' di Laboratorio

Part IV – Teaching experience

Year	Institution	Lecture/Course
1994/95	Scuola di Specializzazione in Cardiologia, Universita' degli Studi Federico II di Napoli	Fisiopatologia dell'Apparato Cardiovascolare
1998- 2001	Corso di Perfezionamento di Ipertensione Arteriosa, Universita' Sapienza di Roma	Genetica dell'Ipertensione Arteriosa
1999- 2001	Corso di Esperto in Biotecnologie-MIUR	Biotecnologie applicate alla ricerca scientifica biomedica
2005- present	Corso di Laurea in Medicina e Chirurgia, Facolta' di Medicina e Psicologia, Universita' Sapienza di Roma	Co-titolare del corso di Metodologia Medico-Scientifica e Scienze Umane V-VI
2005- present	Corso di Laurea in Medicina e Chirurgia, Facolta' di Medicina e Psicologia, Universita' Sapienza di Roma	Tirocinio pratico nel corso di Malattie dell'Apparato Cardiovascolare
2005- present	Corso di Laurea breve delle Professioni Sanitarie in Scienze Infermieristiche, Polo di Pozzilli, Universita' Sapienza di	Titolare del Corso di Malattie dell'Apparato Cardiovascolare ed Endocrinologiche

	Roma	
2005-present	Corso di Laurea breve di Disabilita' Viscerali e Speciali, Polo di Pozzilli, Universita' Sapienza di Roma	Titolare del Corso di Cardiologia e Medicina Interna
2003	Present	Scuola di Specializzazione in Cardiologia, Facolta' di Medicina e Psicologia, Universita' Sapienza di Roma
2005	Present	Dottorato di Ricerca in Medicina Sperimentale, Univ. Sapienza di Roma
		Titolare del Corso di Semeiotica Fisica
		Componente del collegio dei docenti

Part V - Society memberships, Awards and Honors

Year	Title
1991-present	Membro della Societa' Italiana dell'Ipertensione Arteriosa
1998-present	Membro della Societa' Italiana di Cardiologia
1994-1995	Fulbright Scholarship
2005	Scholar in Cardiologia, Societa' Italiana di Cardiologia
2010-2012	Coordinatrice della Sezione Lazio della Societa' Italiana dell'Ipertensione Arteriosa
2019-present	European Society of Hypertension – fellow
2019-present	Membro della Societa' Italiana di Prevenzione Cardiovascolare
2014	ASN SC/SSD 06/N1 per la I fascia
2017	ASN SC/SSD 06/B1 e 06/D1 per la I fascia
2018	ASN SC/SSD 06/N1 per la I fascia

Part VI – Editorial Boards and Review Assignments

2019-present	Editorial board member, International Journal of Molecular Sciences
2019-present	Associate Editor, International Journal of Cardiology: Hypertension
2019-present	Associate Editor, High Blood Pressure & Cardiovascular Prevention
2019	Guest Editor for a Special Issue of the International Journal of Molecular Sciences: “Molecular basis of cardiovascular diseases. Implications of natriuretic peptides”.
1990-pres	Knowledgeed Referee delle seguenti riviste: Journal of Hypertension, American Journal of Hypertension, Stroke, Hypertension, Circulation, Trends in Cardiovascular Medicine, International Journal of Cardiology, Journal of Cardiovascular Medicine, Cardiovascular Research, Journal of Cardiovascular Translational Research, Life Sciences, International Journal of Molecular Sciences, Peptides, Journal of Molecular Medicine, Journal of Clinical Medicine, Physiological Genomics, JAMA

Part VII – Scientific meetings organization

2011 e 2012	Due simposi per la Societa' Italiana dell'Ipertensione arteriosa - sezione regionale del Lazio: “Il danno cardiovascolare nell'ipertensione arteriosa”
2014	16 th International SHR symposium – Satellite of the 24 th European Meeting on

	Hypertension and Cardiovascular Protection and the 25 th Scientific meeting of the International Society of hypertension.
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Relatore in oltre 50 congressi scientifici nazionali ed internazionali

Part VIII - Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
1999-2002	PI – Identification of the genetic basis of stroke in humans	Fondazione Telethon	240 milioni di lire
2001	I – Meccanismi fisiopatologici delle vasculopatie nel diabete: glucosio e processi ossidativi	Universita' La Sapienza di Roma – Ricerca di Ateneo	
2001	I – Ruolo del gene p66shc nella regolazione dei processi ossidativi vascolari	Facolta' di Medicina e Chirurgia- Universita' La Sapienza di Roma	
2002	I – Identificazione delle cause genetiche dell'accidente cerebrovascolare in una popolazione caso-controllo di ictus giovanili	Universita' La Sapienza di Roma – Ricerca di Ateneo	
2003	I – Fattore natriuretico atriale e patogenesi del danno vascolare in un modello animale e nell'uomo	Universita' La Sapienza di Roma – Ricerca di Ateneo	
2004	I – Alterazioni dei meccanismi di signaling intracellulare e danno cardiovascolare nel diabete mellito	Universita' La Sapienza di Roma – Ricerca di Ateneo	
2004-2006	PI - Caratterizzazione del ruolo svolto dalle varianti molecolari dei peptidi natriuretici nell'insufficienza cardiaca	Bando PRIN 2004	40.000 euro
2005	I – Analisi dell'espressione genica differenziale indotta in cellule endoteliali umane dal fattore natriuretico atriale normale e dalle sue varianti molecolari	Universita' La Sapienza di Roma – Ricerca di Ateneo	
2006	I – Ruolo della proteina regolatrice p66shc sulla memoria iperglicemica indotta dalle specie reattive dell'ossigeno	Universita' La Sapienza di Roma – Ricerca di Ateneo	
2007	I – Il ruolo dell'interazione geni-endotelio-tessuto adiposo nell'invecchiamento cardiovascolare	Universita' Sapienza di Roma – Progetti di Ricerca di Universita'	
2008	I – Valutazione degli effetti sulla funzione vascolare della variante T2238C del fattore natriuretico atriale (ANP) in soggetti apparentemente sani.	Universita' Sapienza di Roma – Progetti di Ricerca di Universita'	
2009	I – Basi genetiche dello stroke: analisi del gene DKK-3 come potenziale gene candidato per lo stroke nel modello animale e nell'uomo	Universita' Sapienza di Roma – Progetti di Ricerca di Universita'	
2010	PI – Analisi genetica delle malattie cardiovascolari monogeniche	Acquisto di una grande attrezzatura - Universita' Sapienza di Roma	90.000 euro

2011-2013	PI – Basi genetico molecolari delle alterazioni vascolari funzionali e strutturali in un modello animale di stroke	Bando PRIN 2009	205.000 euro
2012	I – Translational effects of a molecular variant of the atrial natriuretic peptide gene: a contributory role in the pathogenesis of acute coronary events.	Universita' Sapienza di Roma – Progetti di Ricerca	
2013	I – Characterization of the vascular properties of a molecular variant of atrial natriuretic peptide as a novel risk factor for acute cardiovascular events	Universita' Sapienza di Roma – Progetti Awards	55.000 euro
2013	PI - Funzione mitocondriale e danno cerebrovascolare nell'ipertensione arteriosa	Societa' Italiana dell'Ipertensione Arteriosa	22.946 euro
2013	PI	Finanziamento per ospitare un Visiting Professor presso l'Universita' Sapienza di Roma	1500 euro
2013	PI –16 th International SHR symposium	Universita' Sapienza di Roma - Finanziamento per organizzare un congresso internazionale	1500 euro
2014	I – Molecular basis of acute cardiovascular events: role of mitochondrial dysfunction	Universita' Sapienza di Roma – Progetti Awards	55.000 euro
2015	PI - Evaluation of the impact of ARNi vs ARB toward cardiac damage in a suitable model of human hypertension	Novartis (ditta farmaceutica)	50.000 euro
2015	I – Etiopathogenetic relevance of AMPK/SIRT1/PGC-1 α /UCP2 pathway in hypertension and aging-related damage in an animal model of complex human disease	Universita' Sapienza di Roma – Progetto di Ateneo	25.000 euro
2016	PI - Impatto di una comune variante del fattore natriuretico atriale, T2238C/ANP, sulla aggregazione piastrinica in pazienti affetti da cardiopatia ischemica.	Universita' Sapienza di Roma - Progetto di Ateneo	4.000 euro
2017	I - Characterization of the role of mitophagy in the predisposition to stroke in an animal model of human disease	Universita' Sapienza di Roma - Progetto di Ateneo	28.500 euro
2018	PI - Characterization of autophagy as a mechanism mediating renal and vascular protective effects of the mitochondrial Uncoupling Protein 2	Universita' Sapienza di Roma - Progetto di Ateneo	10.000 euro
2019-2021	PI di unita' operativa - Novel therapeutic strategies to reduce coronary microvascular obstruction and to OPTimize non-culprit stenoses revascularization in ST-Elevation acute Myocardial Infarction (OPTI-STEMI project)	Bando PRIN 2017	82.994 euro

2019	I - Impact of cardiac natriuretic peptides on mitochondrial function and mitophagy in heart failure	Universita' Sapienza di Roma - Progetto di Ateneo	32.000 euro
2019	PI - Applicazioni della tecnologia "Next Generation Sequencing" nella genomica clinica	Acquisto di una media attrezzatura - Universita' Sapienza di Roma	42.000 euro

Part IX – Research Activities

Keywords	Brief Description
Ipertensione arteriosa e danno d'organo ipertensivo	<p>1. Analisi delle basi genetico-molecolari del danno d'organo nell'ipertensione arteriosa (stroke, ipertrofia cardiaca, danno renale) in un modello animale (il ratto spontaneamente iperteso e pronò allo stroke) con traslazione dei risultati alla malattia dell'uomo. Nell'ambito del progetto e' stato possibile identificare per la prima volta alcuni fattori genetici determinanti danno cardiovascolare, quali le varianti molecolari del fattore natriuretico atriale e di due geni codificanti specifiche proteine mitocondriali (Ndufc2 e UCP2), queste ultime responsabili di disfunzione mitocondriale. I risultati ottenuti nel modello animale relativi al fattore natriuretico atriale e al deficit di Ndufc2 sono stati successivamente traslati alla condizione patologica dell'uomo (stroke e infarto del miocardio), rafforzando le evidenze sulla disfunzione mitocondriale come target terapeutico.</p> <p>Nell'ambito di questo progetto sono state sviluppate, in collaborazione con il Max-Delbrück-Centrum für Molekulare Medizin, Berlino, Germania, 6 linee congeniche per un'area di linkage con lo stroke del cromosoma 1 di ratto. In collaborazione con il Medical College of Wisconsin, USA, sono state sviluppate due nuove linee animali geneticamente modificate: il ratto spontaneamente iperteso portatore in eterozigosi della delezione del gene mitocondriale Ndufc2 ed il ratto normoteso portatore in eterozigosi della delezione del gene Ndufc2.</p> <p>2. Sviluppo di un progetto focalizzato ad identificare le basi genetiche delle cardiomiopatie ereditarie monogeniche (cardiomiopatia ipertrofica, cardiomiopatia dilatativa, sindrome di Brugada, sindrome del QT lungo, displasia aritmogena del ventricolo destro) attraverso sequenziamento Next Generation Sequencing. Questo progetto ha posto le basi per la messa a punto di un servizio di consulenza per la diagnostica genetico-molecolare dei pazienti affetti, in collaborazione con la UOC di Genetica Medica e Diagnostica Cellulare Avanzata dell'Azienda ospedaliero-universitaria S.Andrea di Roma.</p>
Genetica molecolare del danno d'organo ipertensivo	
Peptidi natriuretici: ruolo nel controllo delle funzioni cardiovascolari e nella patogenesi delle malattie cardiovascolari	
Disfunzione mitocondriale	
Genetica delle cardiomiopatie ereditarie (ipertrofica, dilatativa, aritmiche)	

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Part X – International Scientific Collaborations

Start	End	Institution	Topic
1992	present	Max-Delbrück-Centrum für Molekulare Medizin, Berlin, Germany	Studio di modelli animali di ipertensione arteriosa e di danno d'organo (SHR, SHRSP); sviluppo di linee congeniche di ratto per un'area di linkage con lo stroke del cromosoma 1 di ratto.
1993	present	Department of Nephrology and Hypertension, Laboratory for Molecular Medicine and Israeli Rat Genome Center, Barzilai University Medical Center	Studio di modelli animali di ipertensione arteriosa.

(BUMC), Ashkelon, Israel

2010	2018	Dep of Physiology, Human Molecular Genetics Center, Cardiovascular Research Center, Center on Systems Molecular Medicine, Rat Transgenic Service Center Medical College of Wisconsin, USA.	Preparazione di un modello animale di ipertensione arteriosa (ratto spontaneamente iperteso) e di un modello di ratto normoteso geneticamente modificati (delezione del gene Ndufc2).
2011	present	William Harvey Research Institute, Heart Centre, Barts & The London School of Medicine, Queen Mary University of London, London, UK	Caratterizzazione funzionale in vitro delle varianti del peptide natriuretico atriale umano.
2010	2018	Cardiovascular Center Aalst, OLV Clinic, Aalst, Belgio	Caratterizzazione funzionale delle varianti del peptide natriuretico atriale umano nella cardiopatia ischemica.
2010	2016	Dep Public Health and Primary Care, School of Clinical Medicine, Cardiovascular Epidemiology Unit, University of Cambridge, UK	Caratterizzazione del ruolo dei peptidi natriuretici nella predizione del rischio cardiovascolare nella popolazione generale.
2007	2010	Laboratorio di Fisiopatologia Vascolare, Hospital Nacional de Paraplejicos, Toledo, Spain	Genetica delle cardiomiopatia ipertrofica.

Part XI – National Scientific Collaborations

Start	End	Institution	Topic
2005	2018	Dip. Scienze Farmacologiche e Biomolecolari, Università' di Milano; Centro Cardiologico Monzino IRCCS, Milano	Caratterizzazione di modelli animali di ipertensione arteriosa e di danno d'organo
2004	2006	Divisione di Nefrologia, Dialisi e Ipertensione, Università' Vita e Salute, San Raffaele Hospital, Milano	Ruolo del fattore natriuretico atriale nello sviluppo di danno cardiaco nell'ipertensione arteriosa nell'uomo.
2006	2016	Dip. Medicina Clinica e Sperimentale, Università' Federico II, Napoli	Ruolo del fattore natriuretico atriale nell'ipertensione arteriosa nell'uomo.
2010	2016	Dip. Medicina Sperimentale e Clinica, Università' di Firenze	Basi genetiche dello stroke
2016	present	Dip. di Scienze Biomediche Avanzate, Università' Federico II, Napoli	Ruolo del fattore natriuretico atriale nella cardiopatia ischemica.
2009	present	Dip. di Fisiologia e Farmacologia Vittorio Erspamer, Università' Sapienza di Roma	Caratterizzazione di fattori genetici coinvolti nello stroke (ruolo di Dickkopf-3).
2015	present	Laboratorio di Patologia Ultrastrutturale, UOC Genetica Medica e Diagnostica Cellulare Avanzata, Facoltà' di Medicina e Psicologia, Università' Sapienza di Roma	Caratterizzazione in vitro di effetti molecolari della disfunzione mitocondriale nei seguenti contesti: nello scompenso cardiaco cronico nell'uomo; in un modello animale di ratto geneticamente modificato portatore di deficit del complesso I del mitocondrio;

2018	present	Dip. di Neuroscienze, Salute Mentale e Organi di Senso NESMOS, Facolta' di Medicina e Psicologia, Universita' Sapienza di Roma	nei soggetti portatori di deficit geneticamente indotto del complesso I del mitocondrio. Prevenzione dello stroke in soggetti ad elevato rischio.
2015	present	Dip. di Scienze Medico-Chirurgiche e Biotecnologie, Universita' Sapienza di Roma, sede di Latina	Meccanismi molecolari del danno cardiovascolare nell'ipertensione arteriosa.

Part XII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	187	Scopus	1985	2020
Papers [national]	7		1994	2018
Books [scientific]	20		1987	2019
Books [teaching]				

Total Impact factor	746.29
Total Citations	4315 (scopus)
Average Citations per Product	23 (scopus)
Hirsch (H) index	39

With reference to ASN 2018 SC 06/N1 parameters

Number of publications in the last 10 years (Scopus)	87 (requested 24)
Number of citations in the last 15 years (Scopus)	2043 (requested 750)
H-index in the last 15 years (Scopus)	25 (requested 15)

Part XIII - List of Publications

Madeddu P, Oppes M, Rubattu S, Tonolo GC, Dessi-Fulgheri P, Glorioso N, Rappelli A. Prokallikrein and kalikrein inhibitors in human urine. J Hypertens 1985; 3 (suppl. 3): S283-S286 (IF = 4.209)

Madeddu P, Rubattu S, Spanu MA, Pala FM, Dessi-Fulgheri P, Glorioso N, Rappelli A. Short term efficacy of nifedipine in essential and renovascular hypertension. Am J Nephrol. 1986; 6 (suppl.1): 105-107 (IF = 2.96)

Dessi-Fulgheri P, Bandiera F, Rubattu S, Cocco GF, Madeddu P, Oppes M, Tonolo GC, Glorioso N, Rappelli A. Comparison of sublingual and oral captopril in hypertension. Clin Exp Hypertens 1987; A9 (2-3): 593-597 (IF = 1.522)

Madeddu P, Oppes M, Rubattu S, Bandiera F, Dessi-Fulgheri P, Soro A, Glorioso N, Troffa CM, Tonolo GC, Rappelli A. Relation between urinary kallikrein excretion and blood pressure response to a single oral dose of captopril. Clin Exp Hypertens 1987; A9: 615-621 (IF = 1.522)

Glorioso N, Dessi-Fulgheri P, Alagna S, Rubattu S, Soro A, Madeddu P, Bandiera F, Masala A, Rovasio PP, Rappelli A. Angiotensin-converting enzyme inhibition reduces ACTH release due to a hypoglycemia. Clin Exp Hypertens 1987; A9: 665-670 (IF = 1.522)

Dessi-Fulgheri P, Pacifico A, Bandiera F, Rubattu S, Madeddu P, Glorioso N, Maioli M, Delitala G, Tomasi P, Rappelli A. Effect of nifedipine and verapamil on carbohydrate metabolism in hypertensive patients with impaired glucose tolerance. J Cardiovasc Pharmacol 1987; 10 (suppl. 10): S195-S198 (IF = 2.37)

Madeddu P, Oppes M, Rubattu S, Dessi-Fulgheri P, Glorioso N, Soro A, Rappelli A. Role of renal kallikrein in modulating the antihypertensive effects of a single oral dose of captopril in normal and low renin essential hypertensives. J Hypertens 1987; 5 (6): 645-648 (IF = 4.209)

Madeddu P, Oppes M, Rubattu S, Bandiera F, Dessi-Fulgheri P, Glorioso N, Soro A, Troffa CM, Rappelli A. Urinary kallikrein excretion can predict the blood pressure response to a single oral dose of captopril. Agents-Actions 1987; 22: 321-328.

Madeddu P, Oppes M, Soro A, Dessi-Fulgheri P, Glorioso N, Bandiera F, Manunta P, Rubattu S, Rappelli A. The effect of aprotinin, a kallikrein inhibitor, on renin release and urinary sodium excretion in mild essential hypertensives. J Hypertens 1987; 5 (5): 581-587 (IF = 4.209)

Madeddu P, Oppes M, Soro A, Dessi-Fulgheri P, Glorioso N, Bandiera F, Manunta P, Rubattu S, Troffa CM, Tonolo GC, Rappelli A. Natriuretic effect of acute nifedipine administration is not mediated by the renal kallikrein kinin system. J Cardiovasc Pharmacol 1987; 9 (5): 536-540 (IF = 2.37)

Sealey JE, Rubattu S. Prorenin and renin as separate mediators of the tissue and circulating renin systems. Am J Hypertens 1989; 2: 358-366 (IF = 2.53)

Rubattu S, Marion D, Peterson M, Sealey JE. Dexamethasone inhibitable stimulation of plasma prorenin by ketamine in cats. Endocrinology 1989; 125: 1533-1539 (IF = 3.8)

Sealey JE, Quimby FW, Iskovitz J, Rubattu S. The ovarian renin angiotensin system. Frontiers in Neuroendocrinology 1990; 11: 213-237 (IF = 7.85)

Iskovitz J, Rubattu S, Rosenwaks Z, Lin HC, Sealey JE. Relationship of follicular fluid prorenin to oocyte maturation, steroid levels and outcome of in vitro fertilization. J Clin Endocr Metab 1991; 72: 165-171 (IF = 5.6)

Rubattu S, Quimby FW, Sealey JE. Tissue renin and prorenin increase in female cats during the reproductive cycle without commensurate changes in plasma, amniotic or ovarian follicular fluid. J Hypertens 1991; 9: 525-535 (IF = 4.209)

Volpe M, Pepino P, Lembo G, Pignalosa S, Mele AF, Rubattu S, Condorelli GL, Covino E, Trimarco B. Modulatory role of angiotensin II in the secretion of atrial natriuretic factor in rabbits. Endocrinology 1991; 128: 2431-2437 (IF = 3.8)

Rubattu S, Ghanem F, Sealey JE. Trypsin activation of human and cat prorenin: a comparative study. Canadian J Physiol Pharmacol 1991; 69: 1385-1389 (IF = 2.04)

Volpe M, Tritto C, Mele AF, Lembo G, de Campora P, Rubattu S, Trimarco B, Condorelli M. Impairment of atrial natriuretic factor response to acute saline load in hypertensives with family history of vascular accidents. J Hypertens 1991; 9 (suppl. 6): S254-S255 (IF = 4.209)

Volpe M, Tritto C, De Luca N, Mele AF, Lembo G, Rubattu S, Romano M, de Campora P, Enea I, Ricciardelli B, Trimarco B, Condorelli M. Failure of atrial natriuretic factor to increase with saline load

in patients with dilated cardiomyopathy and mild heart failure. J Clin Invest 1991; 88: 1481-1489 (IF = 12.28)

Sealey JE, Lutterotti N, Rubattu S, Campbell WG, Ganhem F, Halimi JM, Laragh JH. The greater renin system. Its prorenin-directed vasodilator limb. Relevance to diabetes mellitus, pregnancy, and hypertension. Am J Hypertens 1991; 4: 972-977 (IF = 2.53)

Pitarresi T, Rubattu S, Heinrikson R, Sealey JE. Reversible cryoactivation of recombinant human prorenin. J Biol Chem 1992; 267: 11753-11759 (IF = 4.1)

Iskovitz J, Rubattu S, Levron J, Sealey JE. Highest concentrations of prorenin and human chorionic gonadotropin in gestational sacs during early human pregnancy. J Clin Endocr Metab 1992; 75: 906-910 (IF = 5.6)

Volpe M, Tritto C, De Luca N, Rubattu S, Mele AF, Lembo G, Enea I, de Campora P, Rendina V, Romano M, Trimarco B, Condorelli M. Angiotensin-converting enzyme inhibition restores cardiac and hormonal responses to volume overload in patients with dilated cardiomyopathy and mild heart failure. Circulation 1992; 1800-1809 (IF = 23.05)

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; 87: 192-198 (IF = 23.05)

Volpe M, Rubattu S, Ganten D, Enea I, Russo R, Lembo G, Mirante A, Condorelli GL, Trimarco B. Dietary salt excess unmasks blunted aldosterone suppression and sodium retention in the stroke-prone phenotype of the stroke-prone spontaneously hypertensive rat. J Hypertens 1993; 11: 793-798 (IF = 4.209)

Volpe M, Tritto C, De Luca N, Rubattu S, Rao MAE, Lamenza F, Mirante A, Enea I, Rendina V, Mele AF, Trimarco B, Condorelli M. Abnormalities of sodium handling and of cardiovascular adaptations during high salt diet in patients with mild heart failure. Circulation 1993; 88: 1620-1627 (IF = 23.05)

Rubattu S, Volpe M, Enea I, Russo R, Romano M, Trimarco B. Influence of hypercholesterolemia on adrenal steroid metabolism and electrolyte balance in spontaneously hypertensive rats. Endocrinology 1993; 133: 2015-2021 (IF = 3.8)

Licata G, Volpe M, Scaglione R, Rubattu S. Salt regulating hormones in young normotensive obese subjects: effects of saline load. Hypertension 1994; 23 (suppl. 1): I-20-I-24 (IF = 7.017)

Sealey JE, Iskovitz J, Rubattu S, James G, August P, Israel T, Jaboc L, Laragh JH. Estradiol and progesterone-related increases in the renin-aldosterone system: studies during ovarian stimulation and early pregnancy. J Clin Endocr Metab 1994; 79: 258-264 (IF = 5.6)

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Part XIV– Selected Publications

List of the publications (n=16) selected for the evaluation. For each publication report title, authors, reference data, journal IF (if applicable), citations, press/media release (if any).

1. Rubattu S, Volpe M, Kreutz R, Ganten U, Ganten D, Lindpaintner K. Chromosomal mapping of genetic loci contributing to stroke in an animal model of a complex human disease. Nature Genetics 1996; 13: 429-434, IF 25.455, citations 202
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3. Rubattu S, Lee MA, De Paolis P, Giliberti R, Gigante B, Lombardi A, Volpe M, Lindpaintner K. Altered structure, regulation and function of the gene encoding atrial natriuretic peptide in the stroke-prone spontaneously hypertensive rat. Circulation Research 1999; 85: 900-905, IF 15.86, citations 53
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5. Rubattu S, Di Angelantonio E, Gigante B, Zanda B, Stanzione R, Evangelista A, Pirisi A, Rosati G, Volpe M. Polymorphisms in prothrombotic genes and their impact on ischemic stroke in a Sardinian population. Thrombosis and Hemostasis 2005; 93: 1095-1100, IF 4.95, citations 33
6. Rubattu S, Bigatti G, Evangelista A, Lanzani C, Stanzione R, Zagato L, Manunta P, Marchitti S, Venturelli V, Bianchi G, Volpe M, Stella P. Association of atrial natriuretic and type-A natriuretic peptide receptor gene polymorphisms with left ventricular mass in human essential hypertension. J Am Coll Cardiol 2006; 48: 499-505, IF 18.639, citations 106
7. Rubattu S, Sciarretta S, Valenti V, Stanzione R, Volpe M. Natriuretic peptides: an update on bioactivity, potential therapeutic use and implication in cardiovascular diseases. Am J Hypertens 2008; 21:733-741, IF 2.53, citations 145
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Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196
"Codice in materia di protezione dei dati personali".

Roma, 18/06/2020

