

**Carmine Savoia MD FAHA FESC**  
**Curriculum Vitae**  
**Ai fini della pubblicazione**

**Part I – General Information**

Full Name	Carmine Savoia
Date of Birth	
Place of Birth	
Citizenship	
Permanent Address	
Mobile Phone Numbe	
E-mail	
TaxID code (codice fiscale)	
Spoken Languages	Italian, English, French

**Part II – Education**

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	1995	University of Naples Federico II, Italy	Medical Degree Magna cum Laude
Specialty	2001	Sapienza University of Rome, Italy	Internal Medicine
Licensure	1996	University of Naples Federico II, Italy	License to practice medical activity in Italy

**Part III – Appointments**

IIIA – Academic Appointments

Start	End	Institution	Position
2007	Currently active	Clinical and Molecular Medicine Department , Faculty of Medicine and Psychology, Sant’Andrea Hospital, Sapienza University of Rome, Rome, Italy	Associate Professor of Cardiology
2014	Currently active	Institute of Cardiovascular and Medical Sciences – University of	Visiting Professor (for Research)

		Glasgow, UK	<a href="https://www.gla.ac.uk/researchinstitutes/icams/staff/index.html/staffcontact/person/4edde9e48594">https://www.gla.ac.uk/researchinstitutes/icams/staff/index.html/staffcontact/person/4edde9e48594</a>
2002	2004	Department of Experimental Medicine and Pathology, Sapienza University of Rome	Fellowship for research
2002	2007	Vascular and Hypertension Research Unit, Lady Davis Institute for Medical Research, – Department of Medicine – Jewish General Hospital – McGill University, Montreal, Canada and Experimental Hypertension Laboratory of CIHR Multidisciplinary Research Group on Hypertension and Hypertension Clinic, Clinical Research Institute of Montreal, University of Montreal, Canada	Research Fellow

### IIIB – Other Appointments

Start	End	Institution	Position
2009	Currently Active	Sant'Andrea Hospital, Sapienza University of Rome	Staff, Division of Cardiology, (Dirigente Medico di I Livello) - In-patient clinic - Out-patient clinic (two half day at out-patient clinic) - Consultant in cardiology for Internal Medicine Unit and ER
2015	Currently Active	Faculty of Medicine and Psychology Sapienza University of Rome	Member of the Monitoring Committee of the Faculty (Comitato di Monitoraggio della Facoltà)
2015	Currently Active	CCL Nursing – Faculty of Medicine and Psychology --- Sapienza University of Rome	Vice-President of International Degree Course in Nursing
1997	2001	I Clinica Medica, Sapienza University of Rome, Italy	Resident in Internal Medicine
2014	2016	Italian Ministry of Education, Universities and Research (MIUR)	Member of the National Committee for confirmation of tenured position of Assistant Professors of Cardiology in Italian Universities
2014	2017	Italian Society of Hypertension (Società Italiana dell'ipertensione Arteriosa – SIIA)	Member of the Study Group on Micro- and Macrocirculation of the Italian Society of Hypertension (SIIA)
2018	2020	French National Agency (ANR)	Member of Evaluation Panel CE14- Physiologie et physiopathologie for

			Research grant provided by French National Agency (ANR)
2021	Currently Active	European Council for Cardiovascular Research (ECCR)	President-Elect <a href="https://eccr.org/eccr-executive-committee/">https://eccr.org/eccr-executive-committee/</a>

**Part IV – Teaching experience (all the following courses all currently active, source GOMP)**

Year	Degree Course/Institution	Lecture/ integrated Course
2015 – Currently active	PhD program in Experimental Medicine – Sapienza University of Rome	<b>Academic Board and Mentoring</b>
2019 – Currently active  III Year of the Course (First Semester)	Nursing --- Infermieristica (abilitante alla professione sanitaria di Infermiere) (International Degree in English Language) Roma Azienda Ospedaliera Sant'Andrea Sapienza University of Rome	<b>In charge for teaching (titolare dell'insegnamento):</b> Internal Medicine; CFU:1  In the Integrated Course: Nursing in the Assistance of the Critic Area
2020 – Currently active  II Year of the Course (First Semester)	Nursing --- Infermieristica (abilitante alla professione sanitaria di Infermiere) (International Degree in English Language) Roma Azienda Ospedaliera Sant'Andrea Sapienza University of Rome	<b>In charge for teaching (titolare dell'insegnamento):</b> Internal Medicine and Geriatrics; CFU:1  In the Integrated Course: Nursing Process and Therapeutic Care in the Medical Area <b>(Integrated Course Coordinator)</b> <b>(coordinatore verbalizzante del Corso Integrato)</b>
2017 – Currently active  II Year of the Course (First Semester)	Nursing --- Infermieristica (abilitante alla professione sanitaria di Infermiere) (International Degree in English Language) Roma Azienda Ospedaliera Sant'Andrea Sapienza University of Rome	<b>In charge for teaching (titolare dell'insegnamento):</b> Cardiovascular Diseases; CFU:1  In the Integrated Course: Nursing Process and Therapeutic Care in the Medical Area <b>(Integrated Course Coordinator)</b> <b>(coordinatore verbalizzante del Corso Integrato)</b>
2020 – Currently active  I Year of the Course (Second Semester)	Nursing --- Infermieristica (abilitante alla professione sanitaria di Infermiere) (International Degree in English Language) Roma Azienda Ospedaliera Sant'Andrea Sapienza University of Rome	<b>In charge for teaching (titolare dell'insegnamento):</b> Clinical and Scientific method; CFU1  In the Integrated Course: Social and Psychological Process of Human Being
2012 –	Infermieristica	<b>In charge for teaching</b>

Currently active II Year of the Degree Course (First Semester)	(abilitante alla professione sanitaria di Infermiere) – Roma Azienda Ospedaliera Sant'Andrea - Sapienza University of Rome	<b>(titolare dell'insegnamento):</b> Malattie dell'apparato Cardiovascolare; CFU:1  In the Integrated Course: Infermieristica dei Processi Terapeutici ed Assistenziali in Area Medica
2012 – Currently active III year of the Degree Course (First & Second Semester)	Medicina e chirurgia – Roma Azienda Ospedaliera Sant'Andrea – Sapienza University of Rome	<b>Teaching on:</b> Medicina Interna, anamnesi, esame obiettivo, il ragionamento clinico; CFU:3  In the Integrated Course: Metodologia Medico-Scientifica e Scienze Umane Cliniche e Diagnostiche
2009 – Currently active IV Year of the Degree Course (second semester)	Medicina e chirurgia – Roma Azienda Ospedaliera Sant'Andrea - Sapienza University of Rome	<b>Teaching on:</b> Malattie dell'Apparato Cardiovascolare; CFU:6  In the Integrated Course: Malattie dell'Apparato Cardiovascolare
2020 – Currently active VI year of the Degree Course (Second Semester)	Medicina e chirurgia – Roma Azienda Ospedaliera Sant'Andrea – Sapienza University of Rome	<b>Teaching on:</b> Segni e Sintomi delle Malattie Cardiovascolari; CFU:1  In the Integrated Course: Clinica Medico Chirurgica III ed Emergenze
2014 – Currently active IV Year of the Course (First Semester)	Medicine and surgery – Medicina e chirurgia "F" (International Degree in English Language) Sapienza University of Rome	<b>Teaching on:</b> Diseases of the Cardiovascular System; CFU:2  In the Integrated Course: Applied Pathology I Diseases of Respiratory System and Cardiovascular System
2015 – Currently Active	Medicine and surgery – Medicina e chirurgia "F" (International Degree	<b>Teaching on:</b> Human Physiology; CFU:1

II Year of the Course (First Semester)	in English Language) Sapienza University of Rome	In the Integrated Course: Human Physiology I
Since 2010 – Currently active	Biotechnologie Mediche Sapienza University of Rome	<b>In charge for teaching (titolare dell’insegnamento):</b> Medicina Clinica e Rigenerativa; CFU:2
II Year of the Course (First Semester)		In the Integrated Course: Medicina Molecolare e Modelli Animali di Malattia – Medicina Rigenerativa
2009 – Currently active	Post-Graduate School in Cardiology (Scuola di Specializzazione in Malattie dell’Apparato Cardiovascolare) Sant’Andrea Hospital Sapienza University of Rome	<b>Academic Board and Mentoring</b>

## Part V - Society memberships, Awards and Honors

Year	Title
2021-Currently	President-elect of the European Council for Cardiovascular Research (ECCR) <a href="https://eccr.org/eccr-executive-committee/">https://eccr.org/eccr-executive-committee/</a>
2016-Currently	Member of the Executive Committee of the European Council for Cardiovascular (ECCR) ( <a href="https://eccr.org/eccr-executive-committee/">https://eccr.org/eccr-executive-committee/</a> )
2017-Currently	Member of the Executive Committee of the Italian Society of Hypertension <a href="https://siii.it/societa/consiglio-direttivo/">https://siii.it/societa/consiglio-direttivo/</a>
2012-Currently	Fellow of the American Heart Association (FAHA)
2019-Currently	Fellow of the European Society of Cardiology (FESC)
2014-2017	Chair of the Italian Society of Hypertension–Lazio Regional Branch
2009-2010	Deputy member of the board of the Italian Society of Hypertension – Lazio Regional Branch
2007 (Award)	2007 AHA-Council for High Blood Pressure Research Inter-American Society of Hypertension XVII Scientific Sessions Travel Award
2007 (Award)	Premio poster della sessione “Vasi ed Endotelio” XXIV Congresso Nazionale – Società Italiana dell’Ipertensione Arteriosa
2007 (Award)	Sarah Strathmore Award: Cardiovascular Research Day, McGill University, Montreal, Canada
2006 (Award)	“Young investigator award” (Premio “Giovane Ricercatore”) from Italian Society of Cardiology
2006 (Award)	New Investigator Travel Award for US Fellows – supported by CV Therapeutics - AHA-Council for High Blood Pressure Research. 60th Annual Fall Conference and Scientific Sessions of the Council for High Blood Pressure Research
2005 (Award)	Inter-American Society of Hypertension – AHA High Blood Pressure Council Young Investigator Travel Award. IASH Meeting 2005
2004	Pfizer Canada Award Research day, Clinical Research Institute of Montreal,

(Award)	University of Montreal, Canada;
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## Part VI – Editorial Board Membership (Currently active)

Title

	Hypertension (IF 10.19; JCR 2020) <a href="https://www.ahajournals.org/hyp/editorial-board">https://www.ahajournals.org/hyp/editorial-board</a>
	Clinical Science (IF 6.124; JCR 2020)
	Frontiers in Physiology - Clinical and Translational Physiology (Review Editor) (IF 4.56; JCR 2020) <a href="https://www.frontiersin.org/search/journal/physiology?query=savoia&amp;tab=People&amp;origin=https%3A%2F%2Fwww.frontiersin.org%2Fjournals%2Fphysiology%23editorial-board">https://www.frontiersin.org/search/journal/physiology?query=savoia&amp;tab=People&amp;origin=https%3A%2F%2Fwww.frontiersin.org%2Fjournals%2Fphysiology%23editorial-board</a>
	High Blood Pressure and Cardiovascular Prevention (IF ongoing) <a href="https://www.springer.com/journal/40292/editors">https://www.springer.com/journal/40292/editors</a>

## Part VII - Funding Information [grants as PI-principal investigator or I-investigator or Head of independent Unit]

Year	Title	Program	Grant value (euros)
2018	Oxidative stress and vascular inflammation in hypertension induced by VEGF inhibitors: role of p66Shc RP118164369415FC	Research Grant Progetti di Ateneo Sapienza University of Rome	3.000
2017	Studi funzionali con protocollo per miografo a pressione e studi molecolari inerenti il progetto	Research Grant from Guidotti Lab.	20.000
2017	Hypertension and cardiovascular fibrosis: role of p66Shc in aldosterone-induced fibrosis RP11715C823320E8	Research Grant Progetti di Ateneo Sapienza University of Rome	3.000
2015	Defective tissue repair in metabolic disorders: untangling its role and key mechanisms for novel therapeutic approaches 2015ZTT5KB_003 (Head of Unit)	Grant from Italian Ministry of Education, Universities and Research (PRIN 2015)	51.444
2015	Analysis of the autophagy dependent regulation of lymphocyte homeostasis and autophagy manipulation in atherosclerosis NCDs-2013-0000034 (Head of Unit)	Grant for Biomedical Research from Fondazione Roma	31.500
2014	Inibitori del VEGFR ed ipertensione arteriosa C26V14JXNX	Grant for Scientific Collaborations Sapienza University of Rome	9.000
2014	Influenza del sistema renina angiotensina sul ruolo della	Research Grant from Daiichi Sankyo Italia	10.000

	transglutaminasi 2 sulla funzione e struttura vascolare di ratti ipertesi: possibili implicazioni sul meccanismo di blocco recettoriale		
2014	Ivabradine on ventricular performance and vascular compliance in patients with post-ischemic ventricular dysfunction	Research Grant from Stroder	10.000
2010	Role of angiotensin II- induced modulation of transglutaminase 2 on vascular remodeling in essential hypertension C26A102Z84	Research Grant (“Ricerche Universitarie”) Sapienza University of Rome	13.500
2009	“Renin Inhibition and Remodeling of Resistance Arteries in double Transgenic Rats	Research Grant from Novartis Pharma	42.000
2009	Role of ACE2/Angiotensin-(1-7)/Mas Receptor activation on resistance arteries remodeling” C26F09JN8R	Research Grant Ateneo Federato SPPS (“ex Quota di Facoltà”) from Sapienza University of Rome	14.000
2008	Renin Inhibition and Remodeling of Resistance Arteries” C26F08Y2F8	Research Grant Ateneo Federato SPPS (“ex Quota di Facoltà”) from Sapienza University of Rome	14.700

#### Part VIII - Funding Information [Participant in Collaborative Grants]

Year	Title	Program	Grant value (euros)
2020	Hypoxic ischemic brain injury pathophysiology: a deeper understanding of hypoxia-resilient neurons and microvasculature modulation for post-cardiac arrest recovery (HIBImod) (PH120172B92B8494)	Progetti Horizon 2020 Collaborativi Sapienza University of Rome	40.000
2020	Application of a genetic sequencing core Lab (GSCL) for the OMICS sciences in Medicine	Grandi attrezzature scientifiche (Sapienza University of Rome)	433.000
2019	Role of CD44 splicing variants in prostate and testis cancers as potential markers for monitoring stem cell plasticità RG11916B7AF0C02D	Progetti di Ateneo Collaborativi Sapienza University of Rome	34.000
2018	Integrated Platform for phenotypic, functional, and molecular profiles of mouse models. GA118164280811B5	Grandi attrezzature scientifiche Sapienza University of Rome	250.000
2016	Ruolo del peptide Natriuretico Atriale nella regolazione del processo di autofagia. Implicazioni	Progetti di Ateneo Collaborativi Sapienza University of Rome	11.000

	nelle patologie cardiovascolari. RM116154C398D997		
2015	Etiopathogenetic relevance of AMPK/SIRT1/PGC-1a/UCP2 pathway in hypertension and aging related vascular damage in an animal model of complex human disease C26H15XSNF	Progetti di Ateneo Collaborativi Sapienza University of Rome	25.000
2014	Molecular basis of acute cardiovascular events: role of mitochondrial dysfunction C26H14WJT4	Progetti di Ateneo Collaborativi Sapienza University of Rome	58.000
2013	Characterization of the vascular properties of a molecular variant of atrial natriuretic peptide as a novel risk factor for acute cardiovascular events C26H13TNTT	Progetti di Ateneo Collaborativi Sapienza University of Rome	55.000
2012	Regulation of prostate carcinogenesis and tumor progression by microRNAs: Toll-like Receptors and Intercellular Communication through Exosomes C26A12ZTHA	Progetti di Ateneo Collaborativi Sapienza University of Rome	€ 27.946,04

## Part IX – Research Activities

Keywords	Brief Description
-Hypertension -Antihypertensive drugs -Endothelium -Resistance arteries -Vascular Remodeling -Vascular Ageing -Renin Angiotensin Aldosterone System -Angiotensin Receptors	-Clinical and experimental hypertension; -Pathophysiology of arterial hypertension; -Mechanisms of vascular remodeling and dysfunction of microcirculation; -Endothelial dysfunction in clinical and experimental hypertension and diabetes; - Inflammation and oxidative stress in vascular dysfunction; -Mechanisms of vascular ageing; -Role of Renin Angiotensin Aldosterone System in endothelial dysfunction and remodeling of resistance arteries; -Function of Angiotensin II type 2 Receptor and MAS Receptor in vascular dysfunction in hypertension and diabetes; -Role of angiotensin receptors' modulation in vascular function and remodeling in hypertension and diabetes; -Function and physiology of Magnesium Channels; -Role of VEGFR inhibitors in hypertension; -Personalized approach to hypertension and cardiovascular disease;



## Part X – Scientific Collaborations

### Institutions

Institute of Cardiovascular and Medical Sciences, University of Glasgow, Scotland, UK
Lady Davis Institute for Medical Research, Sir Mortimer B. Davis – Department of Medicine – Jewish General Hospital - McGill University, Montreal, Canada
University of Southern Denmark, Institute of Molecular Medicine / Dept. of Cardiovascular and Renal Research
Center for Cardiovascular Research, Institute of Pharmacology, Charité Universitätsmedizin Berlin, Berlin, Germany.
MDC Max -Delbruck-Centrum Fur Molekulare Medizin Berlin-Buch
Dip. Medicina Sperim. e Scienze Biochimiche Università di “Tor Vergata”

## Part XI – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Publications (Papers)	82	SCOPUS	1997	2021
Books (teaching)	2			
Book Chapter (teaching)	5			
Book Chapter (scientific)	11			

Total Impact factor	497.212 (Source: Journal Citation Reports (JCR), calculated on the year 2020)
	315.849 (Source: JCR, <u>calculated on the year of publication</u> )
Average Impact Factor per Product	7.533 (Source: JCR, calculated on the year 2020)
	5.264 (Source: JCR, <u>calculated on the year of publication</u> )
Total Citations	2834 (SCOPUS)
Average Citations per Product	34.560 (SCOPUS)
Hirsch (H) index	28 (SCOPUS)
Normalized H index*	1.166 (SCOPUS)

\*H index divided by the academic seniority.

## Part XII– Selected Publications

List of the 16 publications selected for the evaluation.

1. Hypertension, a moving target in Covid 19. Current views and Perspectives.  
**Savoia C**, Volpe M, Kreutz R.  
Circ Res 2021;128:1062–1079. DOI: 10.1161/CIRCRESAHA.121.318054  
IF: 17.36 (JCR-2020) Citations 1
2. Effect of direct renin inhibition on vascular function after long-term treatment with aliskiren in hypertensive and diabetic patients.  
**Savoia C\***, De Ciuceis C, Paini A, Carletti R, Arrabito E, Nicoletti C, Mercantini P, Di Gioia C, Battistoni A, Ucci S, Filippini A, Agabiti Rosei E, Volpe M, Muiesan ML, Rizzoni D, Salvetti M.  
J Hypertens. 2021;39(1):169-180. doi: 10.1097/HJH.0000000000002595.  
**\*Corresponding Author**  
IF: 4.84 (JCR-2020) Citations -
3. Mas Receptor Activation Contributes to the Improvement of Nitric Oxide Bioavailability and Vascular Remodeling During Chronic AT1R (Angiotensin Type-1 Receptor) Blockade in Experimental Hypertension.  
**Savoia C\***, Arrabito E, Parente R, Nicoletti C, Madaro L, Battistoni A, Filippini A, Steckelings UM, Touyz RM, Volpe M.  
Hypertension. 2020;76(6):1753-1761. doi: 10.1161/HYPERTENSIONAHA.120.15527.  
**\*Corresponding Author**  
IF: 10.19 (JCR-2020) Citations 1
4. The importance of endothelial dysfunction in resistance artery remodelling and cardiovascular risk.  
Masi S, Georgiopoulos G, Chiriaco M, Grassi G, Seravalle G, **Savoia C**, Volpe M, Taddei S, Rizzoni D, Virdis A.  
Cardiovasc Res. 2020 1;116(2):429-437. doi: 10.1093/cvr/cvz096  
IF: 10.787 (JCR-2020) Citations 9
5. VEGFR (Vascular Endothelial Growth Factor Receptor) inhibition induces cardiovascular damage via redox-sensitive processes.  
Neves KB, Rios FJ, Van der Mey L, Alves-Lopes R, Cameron AC, Volpe M, Montezano AC, **Savoia C**, Touyz RM.  
Hypertension. 2018 Apr;71(4):638-647 doi: 10.1161/HYPERTENSIONAHA.117.10490  
IF: 7.017 (JCR-2018) IF: 10.19 (JCR-2020) Citations 31
6. Age- and Sex-Specific Reference Values for Media/Lumen Ratio in Small Arteries and Relationship With Risk Factors.  
Bruno RM, Grassi G, Seravalle G, **Savoia C**, Rizzoni D, Virdis A; Study Group on Micro- and Macrocirculation of the Italian Society of Hypertension (SIIA).  
Hypertension. 2018 71(6):1193-1200. doi: 10.1161/HYPERTENSIONAHA.117.10634.  
IF: 7.017 (JCR-2018) IF: 10.19 (JCR-2020) Citations 10

7. Effects of a long-term treatment with aliskiren or ramipril on structural alterations of subcutaneous small-resistance arteries of diabetic hypertensive patients.  
De Ciuceis C\*, **Savoia C\***, Arrabito E, Porteri E, Mazza M, Rossini C, Duse S, Semeraro F, Agabiti Rosei C, Alonzo A, Sada L, La Boria E, Sarkar A, Petroboni B, Mercantini P, Volpe M, Rizzoni D, Agabiti Rosei E.  
**\*These authors contributed equally to this work.**  
Hypertension. 2014;64(4):717-24. doi: 10.1161/HYPERTENSIONAHA.114.03380  
IF: 6.499 (JCR-2014)      IF: 10.19 (JCR-2020)      Citations 12
8. The direct renin inhibitor aliskiren improves vascular remodelling in transgenic rats harbouring human renin and angiotensinogen genes.  
**Savoia C\***, Arrabito E, Parente R, Sada L, Madaro L, Nicoletti C, Zezza L, Alonzo A, Rubattu S, Michelini S, Muller DN, Volpe M.  
Clin Sci (Lond). 2013;125(4):183-189 doi: 10.1042/CS20120395.  
**\*Corresponding Author**  
IF: 5.629 (JCR-2013)      IF: 6.12 (JCR-2020)      Citations 12
9. Countervailing vascular effects of rosiglitazone in high cardiovascular risk mice: role of oxidative stress and PRMT-1.  
**Savoia C**, Ebrahimian T, Lemariè CA, Paradis P, Iglarz M, Amiri F, Javeshgani D, Schiffrin EL.  
Clin Sci (Lond) 2010;118(9):583-592 doi: 10.1042/CS20090289.  
IF: 4.613 (JCR-2010)      IF: 6.12 (JCR-2020)      Citations 15
10. Selective mineralocorticoid receptor blocker eplerenone reduces resistance artery stiffness in hypertensive patients.  
**Savoia C**, Touyz RM, Amiri F, Schiffrin EL.  
Hypertension, 2008;51:432-439 doi: 10.1161/HYPERTENSIONAHA.107.103267.  
IF: 7.368 (JCR-2008)      IF: 10.19 (JCR-2020)      Citations 128
11. Angiotensin type 2 receptor in resistance arteries of type 2 diabetic hypertensive patients.  
**Savoia C**, Touyz RM, Volpe M, Schiffrin EL.  
Hypertension, 2007;49(2):341-346. doi: 10.1161/01.HYP.0000253968.95136.b8.  
IF: 7.194 (JCR-2007)      IF: 10.19 (JCR-2020)      Citations 98
12. Angiotensin receptor blocker added to previous antihypertensive therapy on arteries in diabetic hypertensive patients.  
**Savoia C**, Touyz RM, Endemann D, Pu Q, Ko EA, De Ciuceis C, Schiffrin EL.  
Hypertension, 2006;48:271-277. doi: 10.1161/01.HYP.0000230234.84356.36  
IF: 6.007 (JCR-2006)      IF: 10.19 (JCR-2020)      Citations 74
13. Angiotensin II/AT2 receptor-induced vasodilation in stroke-prone spontaneously hypertensive rats involves nitric oxide and cGMP-dependent protein kinase.  
**Savoia C**, Ebrahimian T, He Y, Gratton JP, Schiffrin EL, Touyz RM.  
J Hypertens, 2006;24:2417-2422 doi: 10.1097/01.hjh.0000251902.85675.7e  
IF: 4.021 (JCR-2006)      IF: 4.84 (JCR-2020)      Citations 60

14. Negative Regulation of RhoA/Rho kinase by Angiotensin II Type 2 Receptor in Vascular Smooth Muscle Cells: Role in Angiotensin II-induced Vasodilation in stroke-prone spontaneously hypertensive rats.  
**Savoia C**, Tabet F, Yao G, Schiffrin EL, Touyz RM.  
J Hypertens, 2005;23:1037-1045 doi: 10.1097/01.hjh.0000166845.49850.39.  
IF: 5.218 (JCR-2005)      IF: 4.84 (JCR-2020)      Citations 81
  
15. Transient Receptor Potential Melastatin 7 Ion Channels Regulate Magnesium Homeostasis in Vascular Smooth Muscle Cells : Role of Angiotensin II  
He Y, Yao G, **Savoia C**, Touyz RM.  
Circ Res, 2005;96(2):207-215. doi: 10.1161/01.CIR.0000147731.24444.4D.  
IF: 9.408 (JCR-2005)      IF: 17.36 (JCR-2020)      Citations 164
  
16. Deletion of p66shc Gene Protects Against Age-Related Endothelial Dysfunction  
Francia P, delli Gatti C, Bachschmid M, Martin-Padura I, **Savoia C**, Migliaccio E, Pelicci PG, Schiavoni M, Luscher TF, Volpe M, Cosentino F.  
Circulation, 2004;110(18):2889-2895. doi: 10.1161/01.CIR.0000147731.24444.4D.  
IF: 12.563 (JCR-2004)      IF: 29.69 (JCR-2020)      Citations 220

Rome, August 6th 2021

Carmine Savoia