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Vascular Smooth Muscle Cell Signaling Mechanisms for Contraction to Angiotensin II and Endothelin-1

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#	Paper	IF	Citations
137	RhoA/Rho-kinase and vascular diseases: what is the link?. 2010 , 67, 3823-36		121
136	Modulation by cytochrome P450-4A β hydroxylase enzymes of adrenergic vasoconstriction and response to reduced PO ₂ in mesenteric resistance arteries of Dahl salt-sensitive rats. 2010 , 17, 525-35		7
135	Selectively engaging β arrestins at the angiotensin II type 1 receptor reduces blood pressure and increases cardiac performance. 2010 , 335, 572-9		279
134	New insights into angiotensin receptor actions: from blood pressure to aging. 2011 , 20, 84-8		82
133	In preeclampsia endogenous cardiotoxic steroids induce vascular fibrosis and impair relaxation of umbilical arteries. <i>Journal of Hypertension</i> , 2011 , 29, 769-76	1.9	30
132	Excitatory regulation of angiotensin II on gastric motility and its mechanism in guinea pig. 2011 , 167, 170-6		5
131	Protein kinase C inhibition ameliorates functional endothelial insulin resistance and vascular smooth muscle cell hypersensitivity to insulin in diabetic hypertensive rats. 2011 , 10, 48		18
130	Diacylglycerol regulates acute hypoxic pulmonary vasoconstriction via TRPC6. 2011 , 12, 20		44
129	WNK1 regulates vasoconstriction and blood pressure response to α -adrenergic stimulation in mice. 2011 , 58, 439-45		59
128	Cinnamomi ramulus Ethanol Extract Exerts Vasorelaxation through Inhibition of Ca Influx and Ca Release in Rat Aorta. 2012 , 2012, 513068		6
127	Inhibition of Mas G-protein signaling improves coronary blood flow, reduces myocardial infarct size, and provides long-term cardioprotection. 2012 , 302, H299-311		29
126	Renal Modulation. 2012 , 155-177		1
125	New insights into hypertension-associated erectile dysfunction. 2012 , 21, 163-70		69
124	Relaxant effect of a water soluble carbon monoxide-releasing molecule (CORM-3) on spontaneously hypertensive rat aortas. 2012 , 26, 285-92		19
123	The anti-atherosclerotic di-peptide, Trp-His, inhibits the phosphorylation of voltage-dependent L-type Ca(2+) channels in rat vascular smooth muscle cells. 2012 , 2, 83-8		18
122	Pharmacological profiling of store-operated Ca ²⁺ entry in retinal arteriolar smooth muscle. 2012 , 19, 586-97		4
121	GPER regulates endothelin-dependent vascular tone and intracellular calcium. 2012 , 91, 623-7		49

120	Age-associated alterations in retinal arteriole reactivity to endothelin-1 differ between the sexes. 2012 , 133, 611-9	9
119	Calcium Homeostasis and Signaling in Smooth Muscle. 2012 , 1155-1171	5
118	Arterial Hypertension. 2012 , 1311-1319	
117	Endothelin-1 activation of ETB receptors leads to a reduced cellular proliferative rate and an increased cellular footprint. 2012 , 318, 1125-33	11
116	Peach (<i>Prunus persica</i>) extract inhibits angiotensin II-induced signal transduction in vascular smooth muscle cells. 2013 , 139, 371-6	9
115	MicroRNAs in flow-dependent vascular remodelling. 2013 , 99, 294-303	98
114	Pinocembrin inhibits angiotensin II-induced vasoconstriction via suppression of the increase of [Ca ²⁺] _i and ERK1/2 activation through blocking AT(1)R in the rat aorta. 2013 , 435, 69-75	13
113	Endothelin-1 and endothelin-2 initiate and maintain contractile responses by different mechanisms in rat mesenteric and cerebral arteries. 2013 , 170, 1199-209	9
112	Serine carboxypeptidase SCPEP1 and Cathepsin A play complementary roles in regulation of vasoconstriction via inactivation of endothelin-1. 2014 , 10, e1004146	14
111	Preeclampsia serum-induced collagen I expression and intracellular calcium levels in arterial smooth muscle cells are mediated by the PLC- β pathway. 2014 , 46, e115	4
110	Amplification of AngII-dependent cell contraction by glyoxal: implication of cell mechanical properties and actomyosin activity. 2014 , 6, 411-21	2
109	The role of voltage-operated and non-voltage-operated calcium channels in endothelin-induced vasoconstriction of rat cerebral arteries. 2014 , 742, 65-73	7
108	The protective effects of Schisandra chinensis fruit extract and its lignans against cardiovascular disease: a review of the molecular mechanisms. 2014 , 97, 224-33	83
107	Hypertensive Vasculopathy. 2014 , 1-28	
106	The angiotensin II type 1 receptor (AT1R) closely interacts with large conductance voltage- and Ca ²⁺ -activated K ⁺ (BK) channels and inhibits their activity independent of G-protein activation. 2014 , 289, 25678-89	20
105	The Many Faces of the A2b Adenosine Receptor in Cardiovascular and Metabolic Diseases. 2015 , 230, 2891-7	19
104	Cerebrovascular endothelin-1 hyper-reactivity is associated with transient receptor potential canonical channels 1 and 6 activation and delayed cerebral hypoperfusion after forebrain ischaemia in rats. 2015 , 214, 376-89	15
103	Hemostasis. 2015 ,	

102	Angiotensin II increases nerve-evoked contractions in mouse tail artery by a T-type Ca(2+) channel-dependent mechanism. 2015 , 761, 11-8	1
101	Hypertensive Vasculopathy. 2015 , 1595-1618	
100	The expansion of GPCR transactivation-dependent signalling to include serine/threonine kinase receptors represents a new cell signalling frontier. 2015 , 72, 799-808	30
99	The effect of nifedipine on retinal venous pressure of glaucoma patients with the Flammer-Syndrome. 2015 , 253, 935-9	16
98	Guidelines for the isolation and characterization of murine vascular smooth muscle cells. A report from the International Society of Cardiovascular Translational Research. 2015 , 8, 158-63	20
97	Angiotensin II stimulates internalization and degradation of arterial myocyte plasma membrane BK channels to induce vasoconstriction. 2015 , 309, C392-402	28
96	Adenosine A1 receptor-dependent and independent pathways in modulating renal vascular responses to angiotensin II. 2015 , 213, 268-76	6
95	A novel collagen gel-based measurement technique for quantitation of cell contraction force. 2015 , 12,	18
94	In vivo roles for myosin phosphatase targeting subunit-1 phosphorylation sites T694 and T852 in bladder smooth muscle contraction. 2015 , 593, 681-700	43
93	Divergent signaling mechanisms for venous versus arterial contraction as revealed by endothelin-1. 2015 , 62, 721-33	7
92	Erectile Dysfunction in Hypertension and Cardiovascular Disease. 2015 ,	2
91	Synergistic Effect of Ferulic Acid and Z-Ligustilide, Major Components of <i>A. sinensis</i> , on Regulating Cold-Sensing Protein TRPM8 and TPRA1 In Vitro. 2016 , 2016, 3160247	6
90	Regulation of arterial reactivity by concurrent signaling through the E-prostanoid receptor 3 and angiotensin receptor 1. 2016 , 84, 47-54	4
89	Role of phospholipases in adrenal steroidogenesis. 2016 , 229, R29-41	7
88	Vascular CaMKII: heart and brain in your arteries. 2016 , 311, C462-78	13
87	Endothelin-1: Biosynthesis, Signaling and Vasoreactivity. 2016 , 77, 143-75	60
86	Pharmacological characterization of the mechanisms underlying the vascular effects of succinate. 2016 , 789, 334-343	10
85	Mechanical activation of angiotensin II type 1 receptors causes actin remodelling and myogenic responsiveness in skeletal muscle arterioles. 2016 , 594, 7027-7047	40

84	Vascular hypothesis revisited: Role of stimulating antibodies against angiotensin and endothelin receptors in the pathogenesis of systemic sclerosis. 2016 , 15, 690-4		50
83	Effect of angiotensin II-induced arterial hypertension on the voltage-dependent contractions of mouse arteries. 2016 , 468, 257-67		13
82	A Small Molecule Pyrazolo[3,4-d]Pyrimidinone Inhibitor of Zipper-Interacting Protein Kinase Suppresses Calcium Sensitization of Vascular Smooth Muscle. 2016 , 89, 105-17		12
81	Angiotensin II reduces the surface abundance of K _v 1.5 channels in arterial myocytes to stimulate vasoconstriction. 2017 , 595, 1607-1618		7
80	Adenosine receptors: Modulators of lipid availability that are controlled by lipid levels. 2017 , 55, 26-44		24
79	Angeli's Salt, a nitroxyl anion donor, reverses endothelin-1 mediated vascular dysfunction in murine aorta. 2017 , 814, 294-301		4
78	Adenosine A receptor-operated calcium entry in renal afferent arterioles is dependent on postnatal maturation of TRPC3 channels. 2017 , 313, F1216-F1222		10
77	Coronary microvascular disease as an early culprit in the pathophysiology of diabetes and metabolic syndrome. 2017 , 123, 114-121		37
76	Endothelin-1 Stimulates Vasoconstriction Through Rab11A Serine 177 Phosphorylation. 2017 , 121, 650-661		19
75	Molecular Mechanisms Underlying Renin-Angiotensin-Aldosterone System Mediated Regulation of BK Channels. 2017 , 8, 698		6
74	Regulation of vascular smooth muscle phenotype by cross-regulation of Krüppel-like factors. 2017 , 21, 37-44		6
73	Nitroxyl Anion Mediates Relaxation in Mesenteric Arteries from Angiotensin II Hypertensive Mice. 2017 , 16, 93-101		0
72	RNA sequencing to determine the contribution of kinase receptor transactivation to G protein coupled receptor signalling in vascular smooth muscle cells. <i>PLoS ONE</i> , 2017 , 12, e0180842	3-7	12
71	High fat diet confers vascular hyper-contractility against angiotensin II through upregulation of MLCK and CPI-17. 2017 , 21, 99-106		12
70	Decreases in neprilysin and vasoconstrictors and increases in vasodilators following bariatric surgery. 2018 , 20, 2029-2033		21
69	Vascular smooth muscle contraction in hypertension. 2018 , 114, 529-539		202
68	The effects of food essential oils on cardiovascular diseases: A review. 2018 , 58, 1688-1705		24
67	Protein kinase C δ deletion causes hypotension and decreased vascular contractility. <i>Journal of Hypertension</i> , 2018 , 36, 510-519	1-9	5

66	Regional Heterogeneity in the Regulation of Vasoconstriction in Arteries and Its Role in Vascular Mechanics. 2018 , 1097, 105-128		7
65	Unraveling endothelin-1 induced hypercontractility of human pulmonary artery smooth muscle cells from patients with pulmonary arterial hypertension. <i>PLoS ONE</i> , 2018 , 13, e0195780	3-7	12
64	Angiotensin II Signal Transduction: An Update on Mechanisms of Physiology and Pathophysiology. 2018 , 98, 1627-1738		383
63	The role of Rho-kinase and calcium ions in constriction triggered by ET-1. 2018 , 119, 84-90		5
62	Multidirectional Efficacy of Biologically Active Nitro Compounds Included in Medicines. 2018 , 11,		42
61	Effects of angiotensin-II on brain endothelial cell permeability via PPARalpha regulation of para- and trans-cellular pathways. 2019 , 1722, 146353		16
60	MiR-9 promotes the phenotypic switch of vascular smooth muscle cells by targeting KLF5. 2019 , 49, 928-938		5
59	The Key to Successful Weight Loss on a High-Fiber Diet May Be in Gut Microbiome Prevotella Abundance. 2019 , 149, 2083-2084		4
58	Dissecting genetic factors affecting phenylephrine infusion rates during anesthesia: a genome-wide association study employing EHR data. 2019 , 17, 168		8
57	Biomarkers for ischemic stroke subtypes: A protein-protein interaction analysis. 2019 , 83, 107116		4
56	High-Salt Intake Reduces Apomorphine-Induced Penile Erection and Increases Neurally Mediated Contractile Responses of the Cavernosal Smooth Muscle in Rats. 2019 , 32, 1206-1213		1
55	Mapping the Whole-Body Muscle Activity of <i>Hydra vulgaris</i> . 2019 , 29, 1807-1817.e3		25
54	Teaching Images in Headache: Concurrent Hypercalcemia-Induced Reversible Cerebral Vasoconstriction Syndrome and Posterior Reversible Encephalopathy Syndrome. 2019 , 59, 933-935		5
53	Role of the Balance of Akt and MAPK Pathways in the Exercise-Regulated Phenotype Switching in Spontaneously Hypertensive Rats. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6-3	9
52	Vascular Fibrosis and Disease. 2019 , 369-386		
51	Renal Modulation. 2019 , 165-188		1
50	COVID-19 Razor: RAS Imbalance, the Common Denominator Across Disparate, Unexpected Aspects of COVID-19. 2020 , 13, 3169-3192		4
49	Coupling of store-operated calcium entry to vasoconstriction is acid-sensing ion channel 1a dependent in pulmonary but not mesenteric arteries. <i>PLoS ONE</i> , 2020 , 15, e0236288	3-7	3

48	Anti-Contractile and Anti-Inflammatory Effects of Diacerein on Isolated Mouse Airways Smooth Muscle and Mouse Asthma Model. 2020 , 11, 560361		0
47	Resveratrol Impact on Vascular Smooth Muscle Cells Hyporeactivity: The Role of Rho-Kinase Inhibition. 2020 , 2020, 9012071		2
46	Itaconimides derivatives induce relaxation in mesenteric artery and negative inotropism by inhibition of CA influx. 2020 , 72, 890-902		0
45	The effects of combined treatment of losartan and ramipril on hypertension and related complications. 2020 , 50, 573-581		4
44	Mechanisms of Metabolic Acidosis-Induced Kidney Injury in Chronic Kidney Disease. 2020 , 31, 469-482		49
43	DNA Methylation-Reprogrammed Ang II (Angiotensin II) Type 1 Receptor-Early Growth Response Gene 1-Protein Kinase C Axis Underlies Vascular Hypercontractility in Antenatal Hypoxic Offspring. 2021 , 77, 491-506		8
42	AIE-based luminescence probes for metal ion detection. 2021 , 429, 213693		59
41	Photobiomodulation and estrogen stabilize mitochondrial membrane potential in angiotensin-II challenged porcine aortic smooth muscle cells. 2021 , 14, e202000329		3
40	Erectile Dysfunction in Men on the Rise: Is There a Link with Endocrine Disrupting Chemicals?. 2021 , 15, 187-212		2
39	SARS-CoV-2 Mediated Endothelial Dysfunction: The Potential Role of Chronic Oxidative Stress. 2020 , 11, 605908		37
38	Identification of Aortic Proteins Involved in Arterial Stiffness in Spontaneously Hypertensive Rats Treated With Perindopril:A Proteomic Approach. 2021 , 12, 624515		2
37	Effects of inverted photoperiods on the blood pressure and carotid artery of spontaneously hypertensive rats and Wistar-Kyoto rats. <i>Journal of Hypertension</i> , 2021 , 39, 871-879	1.9	1
36	Reversal of cerebral hypoperfusion: a novel therapeutic target for the treatment of AD/ADRD?. <i>GeroScience</i> , 2021 , 43, 1065-1067	8.9	3
35	Antenatal Hypoxia Affects Pulmonary Artery Contractile Functions via Downregulating L-type Ca Channels Subunit Alpha1 C in Adult Male Offspring. <i>Journal of the American Heart Association</i> , 2021 , 10, e019922	6	1
34	Increased AT receptor expression mediates vasoconstriction leading to hypertension in Snx1 mice. <i>Hypertension Research</i> , 2021 , 44, 906-917	4.7	2
33	Focal adhesion signaling: vascular smooth muscle cell contractility beyond calcium mechanisms. <i>Clinical Science</i> , 2021 , 135, 1189-1207	6.5	3
32	Distinct signatures of calcium activity in brain mural cells. <i>ELife</i> , 2021 , 10,	8.9	8
31	Low doses of zeolitic imidazolate framework-8 nanoparticles alter the actin organization and contractility of vascular smooth muscle cells. <i>Journal of Hazardous Materials</i> , 2021 , 414, 125514	12.8	8

30	Pericyte Contractile Responses to Endothelin-1 and A β Peptides: Assessment by Electrical Impedance Assay. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 723953	6.1	1
29	Pharmacological Alteration of Cellular Mechanical Properties in Pulmonary Arterial Smooth Muscle Cells of Idiopathic Pulmonary Arterial Hypertension. <i>Cardiology Research</i> , 2021 , 12, 231-237	1.8	0
28	ET-1 as a Sex-Specific Mechanism Impacting Age-Related Changes in Vascular Function. <i>Frontiers in Aging</i> , 2021 , 2,	2.5	0
27	Heritable Thoracic Aortic Disorders. 2016 , 263-294		2
26	Coptisine, a protoberberine alkaloid, relaxes mouse airway smooth muscle via blockade of VDCCs and NSCCs. <i>Bioscience Reports</i> , 2020 , 40,	4.1	2
25	Distinct signatures of calcium activity in brain pericytes.		1
24	Association of plasma A β peptides with blood pressure in the elderly. <i>PLoS ONE</i> , 2011 , 6, e18536	3.7	19
23	Resveratrol is an arginase inhibitor contributing to vascular smooth muscle cell vasoconstriction via increasing cytosolic calcium. <i>Molecular Medicine Reports</i> , 2019 , 19, 3767-3774	2.9	4
22	The Role of the Renin-Angiotensin System in Erectile Dysfunction: Present and Future. 2015 , 39-49		
21	The Vasoactivity of PARP Inhibitors. <i>Cancer Drug Discovery and Development</i> , 2015 , 299-311	0.3	
20	Cellular Multifunctionality in the Muscle Activity of Hydra Vulgaris. <i>SSRN Electronic Journal</i> ,	1	
19	Cellular multifunctionality in the muscle activity of Hydra vulgaris.		0
18	Effects of Shift Work on the Carotid Artery and Cerebral Blood Flow of Spontaneously Hypertensive Rats and Wistar-Kyoto Rats.		
17	Heritable Thoracic Aortic Diseases: Syndromal and Isolated (F)TAAD. 2020 , 309-343		0
16	Vascular Dysfunction in Preeclampsia. <i>Cells</i> , 2021 , 10,	7.9	4
15	Doxorubicin Impairs Smooth Muscle Cell Contraction: Novel Insights in Vascular Toxicity. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
14	Potential significance of CX3CR1 dynamics in stress resilience against neuronal disorders.. <i>Neural Regeneration Research</i> , 2022 , 17, 2153-2156	4.5	1
13	Emerging Roles for G Protein-Coupled Estrogen Receptor 1 in Cardio-Renal Health: Implications for Aging.. <i>Biomolecules</i> , 2022 , 12,	5.9	0

12	Efficacy and safety of skin-adhesive low-level light therapy for overactive bladder: a Phase III study.. <i>International Urogynecology Journal</i> , 2022 , 1	2	
11	DataSheet_1.pdf. 2020 ,		
10	Image_1.jpeg. 2020 ,		
9	Endothelin-1 dependent expression of GAG genes involves NOX and p38 mediated Smad linker region phosphorylation.. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2022 ,	3	
8	Novel Insights into the Molecular Mechanisms Involved in the Neuroprotective Effects of C-Phycocyanin Against Brain Ischemia in Rats.. <i>Current Pharmaceutical Design</i> , 2022 ,	3.3	○
7	Fibrotic Signaling in Cardiac Fibroblasts and Vascular Smooth Muscle Cells: The Dual Roles of Fibrosis in HFpEF and CAD. <i>Cells</i> , 2022 , 11, 1657	7.9	○
6	Metformin Is Associated with the Inhibition of Renal Artery AT1R/ET-1/iNOS Axis in a Rat Model of Diabetic Nephropathy with Suppression of Inflammation and Oxidative Stress and Kidney Injury. <i>Biomedicines</i> , 2022 , 10, 1644	4.8	2
5	Emerging roles of thiol oxidoreductase-dependent mechanisms on vasomotricity regulation. 2022 , 6, 100044		○
4	Coronary Microvascular Dysfunction in Diabetes Mellitus: Pathogenetic Mechanisms and Potential Therapeutic Options. 2022 , 10, 2274		2
3	Vascular smooth muscle cell dysfunction in neurodegeneration. 16,		○
2	Arbitrary Ca ²⁺ regulation for endothelial nitric oxide, NFAT and NF- κ B activities by an optogenetic approach. 13,		○
1	Perinatal Fat-Diets Increased Angiotensin II-Mediated Ca ²⁺ through PKC-L-Type Calcium Channel Axis in Resistance Arteries via Agtr1a-Prkcb Gene Methylation. 2023 , 15, 245		○