

# Baicalein Attenuates Angiotensin II-Induced Cardiac Remodeling by Inhibiting ERK1/2, NF- $\kappa$ B, and Calcineurin Signaling Pathways in Mice

American Journal of Hypertension

28, 518-526

DOI: [10.1093/ajh/hpu194](https://doi.org/10.1093/ajh/hpu194)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Inhibition of Proteasome Activity by Low-dose Bortezomib Attenuates Angiotensin II-induced Abdominal Aortic Aneurysm in Apo E <sup>-/-</sup> Mice. <i>Scientific Reports</i> , 2015, 5, 15730.	1.6	19
2	Angiotensin II-Induced Egr-1 Expression is Suppressed by Peroxisome Proliferator- Activated Receptor- $\beta$ Ligand 15d-PGJ2 in Macrophages. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 689-698.	1.1	25
3	Continuous infusion of angiotensin II modulates hypertrophic differentiation and apoptosis of chondrocytes in cartilage formation in a fracture model mouse. <i>Hypertension Research</i> , 2015, 38, 382-393.	1.5	12
4	QiShenYiQi Pills, a compound in Chinese medicine, protects against pressure overload-induced cardiac hypertrophy through a multi-component and multi-target mode. <i>Scientific Reports</i> , 2015, 5, 11802.	1.6	53
5	Effect of the Lipoxygenase Inhibitor Baicalein on Muscles in Ovariectomized Rats. <i>Journal of Nutrition and Metabolism</i> , 2016, 2016, 1-14.	0.7	18
6	San-Huang-Xie-Xin-Tang Constituents Exert Drug-Drug Interaction of Mutual Reinforcement at Both Pharmacodynamics and Pharmacokinetic Level: A Review. <i>Frontiers in Pharmacology</i> , 2016, 7, 448.	1.6	18
7	The role of mid-chain hydroxyeicosatetraenoic acids in the pathogenesis of hypertension and cardiac hypertrophy. <i>Archives of Toxicology</i> , 2016, 90, 119-136.	1.9	39
8	Baicalein Attenuates Neurological Deficits and Preserves Blood-Brain Barrier Integrity in a Rat Model of Intracerebral Hemorrhage. <i>Neurochemical Research</i> , 2016, 41, 3095-3102.	1.6	31
9	Cardioprotective effects of baicalein on heart failure via modulation of Ca <sup>2+</sup> handling proteins in vivo and in vitro. <i>Life Sciences</i> , 2016, 145, 213-223.	2.0	46
10	Baicalein Promotes Neuronal and Behavioral Recovery After Intracerebral Hemorrhage Via Suppressing Apoptosis, Oxidative Stress and Neuroinflammation. <i>Neurochemical Research</i> , 2017, 42, 1345-1353.	1.6	38
11	Choline ameliorates cardiovascular damage by improving vagal activity and inhibiting the inflammatory response in spontaneously hypertensive rats. <i>Scientific Reports</i> , 2017, 7, 42553.	1.6	30
12	Baicalein increases cisplatin sensitivity of A549 lung adenocarcinoma cells via PI3K/Akt/NF- $\kappa$ B pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017, 90, 677-685.	2.5	146
13	MicroRNA-19a/b-3p protect the heart from hypertension-induced pathological cardiac hypertrophy through PDE5A. <i>Journal of Hypertension</i> , 2018, 36, 1847-1857.	0.3	26
14	Baicalin inhibits pressure overload-induced cardiac fibrosis through regulating AMPK/TGF- $\beta$ 2/Smads signaling pathway. <i>Archives of Biochemistry and Biophysics</i> , 2018, 640, 37-46.	1.4	51
15	Baicalein attenuates monocrotaline-induced pulmonary arterial hypertension by inhibiting vascular remodeling in rats. <i>Pulmonary Pharmacology and Therapeutics</i> , 2018, 48, 124-135.	1.1	39
16	Cellular and Molecular Mechanisms of Polyphenol-Induced Beneficial Effects on Cardiac Remodeling. , 2018, , 77-88.		1
17	A comprehensive review on phytochemistry, pharmacology, and flavonoid biosynthesis of <i>Scutellaria baicalensis</i> . <i>Pharmaceutical Biology</i> , 2018, 56, 465-484.	1.3	230
18	Discussion on Comprehensive Utilization Value of <i>Scutellaria Baicalensis</i> Flower. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 301, 012150.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Therapeutic Potential of Polyphenols in Cardiac Fibrosis. <i>Frontiers in Pharmacology</i> , 2018, 9, 122.	1.6	41
20	Baicalein Ameliorates Pulmonary Arterial Hypertension Caused by Monocrotaline through Downregulation of ET-1 and ET <sub>A</sub> R in Pneumonectomized Rats. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 769-783.	1.5	20
21	Food Bioactive HDAC Inhibitors in the Epigenetic Regulation of Heart Failure. <i>Nutrients</i> , 2018, 10, 1120.	1.7	28
22	<i>S</i> -Enantiomer of 19-Hydroxyeicosatetraenoic Acid Preferentially Protects Against Angiotensin II-Induced Cardiac Hypertrophy. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1157-1168.	1.7	28
23	Hypertension-induced cardiac impairment is reversed by the inhibition of endoplasmic reticulum stress. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1809-1821.	1.2	13
24	Advanced Glycation End Products: Potential Mechanism and Therapeutic Target in Cardiovascular Complications under Diabetes. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	1.9	79
25	Regulation of DNA methylation and 2-OG/TET signaling by choline alleviated cardiac hypertrophy in spontaneously hypertensive rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 128, 26-37.	0.9	10
26	Therapeutic potential of IKK- $\beta$ inhibitors from natural phenolics for inflammation in cardiovascular diseases. <i>Inflammopharmacology</i> , 2020, 28, 19-37.	1.9	23
27	Therapeutic potential of polyphenols in cardiovascular diseases: Regulation of mTOR signaling pathway. <i>Pharmacological Research</i> , 2020, 152, 104626.	3.1	77
28	Mechanisms of diabetic cardiomyopathy and potential therapeutic strategies: preclinical and clinical evidence. <i>Nature Reviews Cardiology</i> , 2020, 17, 585-607.	6.1	353
29	Baicalein attenuates cardiac hypertrophy in mice via suppressing oxidative stress and activating autophagy in cardiomyocytes. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 701-714.	2.8	57
30	Divergent and Overlapping Roles for Selected Phytochemicals in the Regulation of Pathological Cardiac Hypertrophy. <i>Molecules</i> , 2021, 26, 1210.	1.7	8
31	Promising influences of <i>Scutellaria baicalensis</i> and its two active constituents, baicalin, and baicalein, against metabolic syndrome: A review. <i>Phytotherapy Research</i> , 2021, 35, 3558-3574.	2.8	43
32	Targeting inflammation-associated AMPK/Mfn2/MAPKs signaling pathways by baicalein exerts anti-atherosclerotic action. <i>Phytotherapy Research</i> , 2021, 35, 4442-4455.	2.8	26
33	Integrating systematic pharmacology-based strategy and experimental validation to explore the synergistic pharmacological mechanisms of Guanxin V in treating ventricular remodeling. <i>Bioorganic Chemistry</i> , 2021, 115, 105187.	2.0	19
34	Regulation and functions of NLRP3 inflammasome in cardiac fibrosis: Current knowledge and clinical significance. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112219.	2.5	19
35	Inhibitory effects of formononetin on the monocrotaline-induced pulmonary arterial hypertension in rats. <i>Molecular Medicine Reports</i> , 2020, 21, 1192-1200.	1.1	5
36	Levocetirizine and Amlodipine Restores Hepato-Cardiac Function in the Forced Swim-Induced Cardiac Remodelling Rat Model. <i>Journal of Pharmaceutical Research International</i> , 2018, 21, 1-10.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Study on the Mechanism of <i>Prunella Vulgaris</i> L on Diabetes Mellitus Complicated with Hypertension Based on Network Pharmacology and Molecular Docking Analyses. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-14.	1.0	6
38	Cardioprotective effects of phytopigments via multiple signaling pathways. <i>Phytomedicine</i> , 2022, 95, 153859.	2.3	8
39	Guanxin V Acts as an Antioxidant in Ventricular Remodeling. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 778005.	1.1	6
40	Baicalein suppresses high glucose-induced inflammation and apoptosis in trophoblasts by targeting the miRNA-17-5p-Mfn1/2-NF- $\kappa$ B pathway. <i>Placenta</i> , 2022, 121, 126-136.	0.7	12
41	Mechanistic and therapeutic perspectives of baicalin and baicalein on pulmonary hypertension: A comprehensive review. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113191.	2.5	11
42	Advances in Nanoformulated Polyphenols for Protection Against Cardiovascular Diseases. <i>Journal of Cardiovascular Pharmacology</i> , 2022, 80, 648-660.	0.8	1
43	Pharmacological properties of total flavonoids in <i>Scutellaria baicalensis</i> for the treatment of cardiovascular diseases. <i>Phytomedicine</i> , 2022, 107, 154458.	2.3	13
44	Baicalein alleviates fibrosis and inflammation in systemic sclerosis by regulating B-cell abnormalities. <i>BMC Complementary Medicine and Therapies</i> , 2023, 23, .	1.2	0