

# Fibroblast Growth Factor 21 Attenuates Vascular Calcification by Inhibiting Endoplasmic Reticulum Stress Mediated Apoptosis in Rats

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Heparinâ€poloxamer hydrogelâ€encapsulated rhFGF21 enhances wound healing in diabetic mice. FASEB Journal, 2019, 33, 9858-9870.	0.5	25
2	Fibroblast growth factor 21; review on its participation in vascular calcification pathology. Vascular Pharmacology, 2020, 125-126, 106636.	2.1	8
3	AKR-001, an Fc-FGF21 Analog, Showed Sustained Pharmacodynamic Effects on Insulin Sensitivity and Lipid Metabolism in Type 2 Diabetes Patients. Cell Reports Medicine, 2020, 1, 100057.	6.5	72
4	FGF21: An Emerging Therapeutic Target for Non-Alcoholic Steatohepatitis and Related Metabolic Diseases. Frontiers in Endocrinology, 2020, 11, 601290.	3.5	111
5	Dexamethasone causes calcium deposition and degeneration in human anterior cruciate ligament cells through endoplasmic reticulum stress. Biochemical Pharmacology, 2020, 175, 113918.	4.4	3
6	Hydrogen Sulfide Plays an Important Protective Role through Influencing Endoplasmic Reticulum Stress in Diseases. International Journal of Biological Sciences, 2020, 16, 264-271.	6.4	25
7	Serum level of fibroblast growth factor 21 predicts long-term prognosis in patients with both diabetes mellitus and coronary artery calcification. Annals of Palliative Medicine, 2020, 9, 368-374.	1.2	13
8	Febuxostat attenuates vascular calcification induced by vitamin D3 plus nicotine in rats. European Journal of Pharmaceutical Sciences, 2021, 156, 105580.	4.0	1
9	Changes and Clinical Significance of Serum Fibroblast Growth Factor 21 in Patients with Chronic Heart Failure. Advances in Clinical Medicine, 2021, 11, 253-259.	0.0	0
10	Apoptosis in the Extraosseous Calcification Process. Cells, 2021, 10, 131.	4.1	25
11	Endoplasmic reticulum stress and unfolded protein response in cardiovascular diseases. Nature Reviews Cardiology, 2021, 18, 499-521.	13.7	283
12	Retrospective analysis of factors associated with serum levels of fibroblast growth factor-21 in patients with diabetes. Annals of Palliative Medicine, 2021, 10, 3258-3266.	1.2	3
13	FGF21 and Chronic Kidney Disease. Metabolism: Clinical and Experimental, 2021, 118, 154738.	3.4	15
14	Flavocoxid Ameliorates Aortic Calcification Induced by Hypervitaminosis D3 and Nicotine in Rats Via Targeting TNF-Î±, IL-1Î², iNOS, and Osteogenic Runx2. Cardiovascular Drugs and Therapy, 2021, , 1.	2.6	0
15	The Role of Fibroblast Growth Factor 21 in Diabetic Cardiovascular Complications and Related Epigenetic Mechanisms. Frontiers in Endocrinology, 2021, 12, 598008.	3.5	5
16	Elabela prevents angiotensin II-induced apoptosis and inflammation in rat aortic adventitial fibroblasts via the activation of FGF21â€ACE2 signaling. Journal of Molecular Histology, 2021, 52, 905-918.	2.2	10
17	Lactate accelerates vascular calcification through NR4A1-regulated mitochondrial fission and BNIP3-related mitophagy. Apoptosis: an International Journal on Programmed Cell Death, 2020, 25, 321-340.	4.9	54
18	Diabetes, Diabetic Complications, and Phosphate Toxicity: A Scoping Review. Current Diabetes Reviews, 2020, 16, 674-689.	1.3	11

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19	The Roles of FGF21 and ALCAT1 in Aerobic Exercise-Induced Cardioprotection of Postmyocardial Infarction Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	4.0	10
20	CHRONIC NEUROGENIC PAIN PROMOTES DEVELOPMENT AND GROWTH OF M1 SARCOMA CHANGING LOCAL LEVELS OF GROWTH FACTORS. <i>Siberian Journal of Oncology</i> , 2020, 19, 68-75.	0.3	0
21	Unspliced XBP1 Counteracts $\beta$ -Catenin to Inhibit Vascular Calcification. <i>Circulation Research</i> , 2022, 130, 213-229.	4.5	27
22	FGF21 attenuates pulmonary arterial hypertension via downregulation of miR-130, which targets PPAR $\gamma$ . <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1034-1049.	3.6	7
23	Basic Fibroblast Growth Factor Inhibits Aortic Valvular Interstitial Cells Calcification via Notch1 Pathway. <i>Journal of Investigative Medicine</i> , 2022, 70, 907-913.	1.6	5
24	Endoplasmic reticulum stress mediates parathyroid hormone-induced apoptosis in vascular smooth muscle cells. <i>Renal Failure</i> , 2022, 44, 126-136.	2.1	5
25	Reactive Oxygen Species in Cardiovascular Calcification: Role of Medicinal Plants. <i>Frontiers in Pharmacology</i> , 2022, 13, 858160.	3.5	5
26	Research Progress of Fibroblast Growth Factor 21 in Fibrotic Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	4.0	2
27	Endoplasmic Reticulum Stress and Pathogenesis of Vascular Calcification. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	6
28	Role of endothelial cells in vascular calcification. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	6
29	Elabela Peptide: An Emerging Target in Therapeutics. <i>Current Drug Targets</i> , 2022, 23, 1304-1318.	2.1	6
30	Activating transcription factor 4 aggravates angiotensin II-induced cell dysfunction in human vascular aortic smooth muscle cells via transcriptionally activating fibroblast growth factor 21. <i>Korean Journal of Physiology and Pharmacology</i> , 2022, 26, 347-355.	1.2	3
31	The two facets of receptor tyrosine kinase in cardiovascular calcification—can tyrosine kinase inhibitors benefit cardiovascular system?. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	2
32	Relationship of fibroblast growth factor 21 with the prevalence and progression of vascular and valvular calcification: Multi-ethnic study of atherosclerosis. <i>International Journal of Cardiology</i> , 2023, 370, 388-395.	1.7	1
33	Vascular calcification: Molecular mechanisms and therapeutic interventions. <i>MedComm</i> , 2023, 4, .	7.2	9
34	Fibroblast growth factor 21 inhibits vascular calcification by ameliorating oxidative stress of vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2023, 650, 39-46.	2.1	4
35	Elevated serum FGF21 is an independent predictor for adverse events in hemodialysis patients from two large centers: a prospective cohort study. <i>Renal Failure</i> , 2023, 45, .	2.1	1
36	Vascular Calcification: Molecular Networking, Pathological Implications and Translational Opportunities. <i>Biomolecules</i> , 2024, 14, 275.	4.0	0