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TOP 10 ARTICLES PUBLISHED IN THE SAME DOMAIN SINCE YOUR PUBLICATION

Hayashi K, Naiki T: Adaptation and remodeling of vascular wall; biomechanical response to hypertension. J Mech Behav Biomed Mater; 2009 Jan;2(1):3-19

Kwon ST, Rectenwald JE, Baek S: Intrasac pressure changes and vascular remodeling after endovascular repair of abdominal aortic aneurysms: review and biomechanical model simulation. J Biomech Eng; 2011 Jan;133(1):011011

Ibrahim J, Berk BC: Flow-mediated vascular remodeling in hypertension: relation to hemodyamics. Stroke; 2009 Feb;40(2):582-90

Pyle AL, Li B, Maupin AB, Guzman RJ, Crimmins DL, Olson S, Atkinson JB, Young PP: Biomechanical stress induces novel arterial intima-enriched genes: implications for vascular adaptation to stress. Cardiovasc Pathol; 2010 Mar-Apr;19(2):e13-20

Tsamis A, Stergiopulos N, Rachev A: A structure-based model of arterial remodeling in response to sustained hypertension. J Biomech Eng; 2009 Oct;131(10):101004

Martinez-Lemus LA, Hill MA, Meininger GA: The plastic nature of the vascular wall: a continuum of remodeling events contributing to control of arteriolar diameter and structure. Physiology (Bethesda); 2009 Feb;24:45-57

Nádasy GL, Várbíró S, Szekeres M, Kocsis A, Székács B, Monos E, Kollai M: Biomechanics of resistance artery wall remodeling in angiotensin-II hypertension and subsequent recovery. Kidney Blood Press Res; 2010;33(1):37-47

Sparks MA, Parsons KK, Stegbauer J, Gurley SB, Vivekanandan-Giri A, Fortner CN, Snouwaert J, Raasch EW, Griffiths RC, Haystead TA, Le TH, Pennathur S, Koller B, Coffman TM: Angiotensin II Type 1A Receptors in Vascular Smooth Muscle Cells Do Not Influence Aortic Remodeling in Hypertension. Hypertension; 2011 Mar;57(3):577-85

Fredenburgh LE, Ma J, Perrella MA: Cyclooxygenase-2 inhibition and hypoxia-induced pulmonary hypertension: effects on pulmonary vascular remodeling and contractility. Trends Cardiovasc Med; 2009 Feb;19(2):31-7

Hassona MD, Abouelnaga ZA, Elnakish MT, Awad MM, Alhaj M, Goldschmidt-Clermont PJ, Hassanain H: Vascular hypertrophy-associated hypertension of profilin1 transgenic mouse model leads to functional remodeling of peripheral arteries. Am J Physiol Heart Circ Physiol; 2010 Jun;298(6):H2112-20