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## Physiologic Versus Pathologic Hypertrophy and the Pressure-Overloaded Myocardium

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#	Paper	IF	Citations
84	Alterations in collagen cross-linking impair myocardial contractility in the mouse heart. <i>Circulation Research</i> , <b>1989</b> , 65, 1657-64	15.7	53
83	Cardiac interstitium in health and disease: the fibrillar collagen network. <i>Journal of the American College of Cardiology</i> , <b>1989</b> , 13, 1637-52	15.1	841
82	Angiotensin and the remodelling of the myocardium. <i>British Journal of Clinical Pharmacology</i> , <b>1989</b> , 28 Suppl 2, 141S-149S; discussion 149S-150S	3.8	42
81	Fibrillar collagen and myocardial stiffness in the intact hypertrophied rat left ventricle. <i>Circulation Research</i> , <b>1989</b> , 64, 1041-50	15.7	434
80	Myocardial fibrosis and pathologic hypertrophy in the rat with renovascular hypertension. <i>American Journal of Cardiology</i> , <b>1990</b> , 65, 1G-7G	3	84
79	The Myocardial Cell: Normal Growth, Cardiac Hypertrophy and Response to Injury. <i>Toxicologic Pathology</i> , <b>1990</b> , 18, 438-453	2.1	18
78	Left ventricular failure induced by long-term hypertension in rats. <i>Circulation Research</i> , <b>1990</b> , 66, 1400-12	15.7	118
77	Collagen phenotypes during development and regression of myocardial hypertrophy in spontaneously hypertensive rats. <i>Circulation Research</i> , <b>1990</b> , 67, 1474-80	15.7	146
76	Remodeling of the rat right and left ventricles in experimental hypertension. <i>Circulation Research</i> , <b>1990</b> , 67, 1355-64	15.7	566
75	Pathological hypertrophy and cardiac interstitium. Fibrosis and renin-angiotensin-aldosterone system. <i>Circulation</i> , <b>1991</b> , 83, 1849-65	16.7	1668
74	Cardioreparative effects of lisinopril in rats with genetic hypertension and left ventricular hypertrophy. <i>Circulation</i> , <b>1991</b> , 83, 1771-9	16.7	291
73	Structural arrangement of the extracellular matrix network during myocardial development in the chick embryo heart. <i>Anatomy and Embryology</i> , <b>1991</b> , 184, 451-60		6
72	Effect of captopril on the prevention and regression of myocardial cell hypertrophy and interstitial fibrosis in pressure overload cardiac hypertrophy. <i>American Heart Journal</i> , <b>1992</b> , 124, 700-9	4.9	65
71	Antifibrotic effects of spironolactone in preventing myocardial fibrosis in systemic arterial hypertension. <i>American Journal of Cardiology</i> , <b>1993</b> , 71, 12A-16A	3	193
70	Pathologic remodeling of the myocardium in a weightlifter taking anabolic steroids. <i>Blood Pressure</i> , <b>1993</b> , 2, 213-6	1.7	25
69	The neonatal heart has a relatively high content of total collagen and type I collagen, a condition that may explain the less compliant state. <i>Journal of the American College of Cardiology</i> , <b>1994</b> , 23, 1204-8	15.1	94
68	Regulation of the structural remodelling of the myocardium: from hypertrophy to heart failure. <i>European Heart Journal</i> , <b>1994</b> , 15 Suppl D, 45-52	9.5	99

67	The cardiac structure-function relationship and the renin-angiotensin-aldosterone system in hypertension and heart failure. <i>Current Opinion in Cardiology</i> , <b>1994</b> , 9 Suppl 1, S2-10; discussion S10-1	2.1	27
66	The renin-angiotensin-aldosterone system and myocardial collagen matrix remodelling in congestive heart failure. <i>European Heart Journal</i> , <b>1995</b> , 16 Suppl O, 107-9	9.5	73
65	Effects of pressure overload on the passive mechanics of the rat left ventricle. <i>Annals of Biomedical Engineering</i> , <b>1995</b> , 23, 152-63	4.7	18
64	Empiric determination of the transition from concentric hypertrophy to congestive heart failure in essential hypertension. <i>Journal of the American College of Cardiology</i> , <b>1995</b> , 25, 888-94	15.1	15
63	Changes in collagen phenotypes during progression and regression of cardiac hypertrophy. <i>Cardiovascular Research</i> , <b>1997</b> , 36, 236-45	9.9	47
62	Age dependency of left ventricular diastolic function in pressure overload hypertrophy. <i>Journal of the American College of Cardiology</i> , <b>1997</b> , 29, 181-6	15.1	64
61	Quantitative examination of the cardiac myocytes in hypertensive rats under chronic inhibition of nitric oxide synthesis. <i>Journal of Biomedical Science</i> , <b>1998</b> , 5, 363-9	13.3	12
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57	The action of isoprenaline on the electrophysiological properties of hypertrophied left ventricular myocytes. <i>Archives of Physiology and Biochemistry</i> , <b>2001</b> , 109, 117-26	2.2	3
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48	Expression profiling reveals differences in metabolic gene expression between exercise-induced cardiac effects and maladaptive cardiac hypertrophy. <i>FEBS Journal</i> , <b>2005</b> , 272, 2684-95	5.7	104
47	Myocardial interstitial matrix metalloproteinase activity is altered by mechanical changes in LV load: interaction with the angiotensin type 1 receptor. <i>Circulation Research</i> , <b>2005</b> , 96, 1110-8	15.7	17
46	Aldosterone stimulates matrix metalloproteinases and reactive oxygen species in adult rat ventricular cardiomyocytes. <i>Hypertension</i> , <b>2005</b> , 46, 555-61	8.5	116
45	Effects of isometric exercise on the diastolic function in patients with severe aortic stenosis with or without coronary lesion. <i>International Journal of Cardiology</i> , <b>2005</b> , 104, 52-8	3.2	3
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38	Stimulus specific changes of energy metabolism in hypertrophied heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2009</b> , 46, 952-9	5.8	39
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