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## Effect of Riociguat and Sildenafil on Right Heart Remodeling and Function in Pressure Overload Induced Model of Pulmonary Arterial Banding

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#	Paper	IF	Citations
22	From molecules to patients: exploring the therapeutic role of soluble guanylate cyclase stimulators. <i>Biological Chemistry</i> , <b>2018</b> , 399, 679-690	4.5	36
21	CB2-deficiency is associated with a stronger hypertrophy and remodeling of the right ventricle in a murine model of left pulmonary artery occlusion. <i>Life Sciences</i> , <b>2018</b> , 215, 96-105	6.8	6
20	Response to: Comment on "Effect of Riociguat and Sildenafil on Right Heart Remodeling and Function in Pressure Overload Induced Model of Pulmonary Arterial Banding". <i>BioMed Research International</i> , <b>2018</b> , 2018, 7491284	3	
19	Comment on "Effect of Riociguat and Sildenafil on Right Heart Remodeling and Function in Pressure Overload Induced Model of Pulmonary Arterial Banding". <i>BioMed Research International</i> , <b>2018</b> , 2018, 6593682	3	1
18	Effects of Riociguat on Right Ventricular Remodelling in Chronic Thromboembolic Pulmonary Hypertension Patients: A Prospective Study. <i>Canadian Journal of Cardiology</i> , <b>2018</b> , 34, 1137-1144	3.8	5
17	Discovery and development of sGC stimulators for the treatment of pulmonary hypertension and rare diseases. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2018</b> , 77, 88-95	5	22
16	Emerging therapies for right ventricular dysfunction and failure. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2020</b> , 10, 1735-1767	2.6	5
15	Animal models of right heart failure. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2020</b> , 10, 1561-1579	2.6	4
14	Clinical Significance of Guanylate Cyclase Stimulator, Riociguat, on Right Ventricular Functional Improvement in Patients with Pulmonary Hypertension. <i>Cardiology</i> , <b>2021</b> , 146, 130-136	1.6	3
13	Right heart failure in pulmonary hypertension: Diagnosis and new perspectives on vascular and direct right ventricular treatment. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 90-107	8.6	17
12	The effect of selected drugs on the mitigation of myocardial injury caused by gamma radiation. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2021</b> , 99, 80-88	2.4	0
11	LncRNA HOXA-AS3 Promotes the Progression of Pulmonary Arterial Hypertension through Mediation of miR-675-3p/PDE5A Axis. <i>Biochemical Genetics</i> , <b>2021</b> , 59, 1158-1172	2.4	2
10	Exploring Functional Differences between the Right and Left Ventricles to Better Understand Right Ventricular Dysfunction. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 9993060	6.7	1
9	Systemic Sclerosis and Systemic Lupus Erythematosus Overlap Syndrome with Pulmonary Arterial Hypertension Successfully Treated with Immunosuppressive Therapy and Riociguat. <i>Cureus</i> , <b>2019</b> , 11, e4327	1.2	6
8	Potential biomarkers and therapeutic targets of idiopathic pulmonary arterial hypertension.. <i>Physiological Reports</i> , <b>2022</b> , 10, e15101	2.6	1
7	At the Intersection of Cardiology and Oncology: TGF $\beta$ s as a Clinically Translatable Therapy for TNBC Treatment and as a Major Regulator of Post-Chemotherapy Cardiomyopathy.. <i>Cancers</i> , <b>2022</b> , 14,	6.6	
6	Riociguat attenuates left ventricular proteome and microRNA profile changes after experimental aortic stenosis in mice. <i>British Journal of Pharmacology</i> ,	8.6	1

- 5 The thromboxane receptor antagonist NTP42 promotes beneficial adaptation and preserves cardiac function in experimental models of right heart overload. 9, ○
- 4 Soluble guanylate cyclase stimulator riociguat in the palette of modern specific therapy for precapillary pulmonary hypertension: from the pathophysiological basis to the results of current research. **2023**, 19, 45-52 ○
- 3 A review on experimental surgical models and anesthetic protocols of heart failure in rats. 10, ○
- 2 Impact of a TAK-1 inhibitor as a single or as an add-on therapy to riociguat on the metabolic reprograming and pulmonary hypertension in the SUGEN5416/hypoxia rat model. 14, ○
- 1 Advances in the discovery of drugs that treat pulmonary arterial hypertension. **2023**, 18, 445-466 ○