Table S1. Other results.

Study	Drug(s)	RVEF				mPAP				RV/BW				RV weight				RV/TL			
		C	M	S	P	C	M	S	P	C	M	S	P	C	M	S	P	C	M	S	P
1	Urocortin-2		↑		↑*																
2	Sacubitril/valsartan			↔	↔						↓	↔									
3	GS-444217		↑				↓	↓											↓		
4	Sodium valproate										↓	↓									
5	Ivabradine																				
6	Sunitinib																				
6	Sorafenib																				
7	Juglone						↓									↔					
8	Celastrol																				
9	Dapaglifozine																				
10	Macitentan																				
10	Tadalafil																				
10	Mac. + Tad.																				
11	Neuregulin-1		↑																↓		
12	GapmeR H19																				
13	MitoQ																				
14	Dichloroacetate																				
15	Gallein																				
16	Sildenafil															↓	↔				
17	Clorgyline																				
18	Dantrolene											↓									
19	RVX208						↓	↔													

mPAP: mean pulmonary arterial pressure; RV: right ventricle; RV/BW: right ventricle weight/bodyweight; RVEF: right-ventricular ejection fraction; RV/TL: right ventricle weight/ tibial length; C: chronic hypoxia; M: monocrotaline (with or without shunt); S: Sugen 5416/hypoxia; P: pulmonary artery banding

↓ - significant decrease in the parameter

↑ - significant increase in the parameter

↔ - no significant effect in the parameter

* - in the animal model, the parameter did not significantly change

Table S2. Other results.

Study	Drug(s)	SV				TIMP-1				Treadmill distance				RVWT				RV FAC			
		C	M	S	P	C	M	S	P	C	M	S	P	C	M	S	P	C	M	S	P
1	Urocortin-2										↑										
2	Sacubitril/valsartan			↔	↔																
3	GS-444217						↓	↓													
4	Sodium valproate														↓		↓				
5	Ivabradine		↑	↑	↑						↑	↔	↑*						↔	↑	↑
6	Sunitinib														↓		↓				
6	Sorafenib														↓		↓				
7	Juglone																				
8	Celastrol											↑					↓			↑	↑
9	Dapaglifozine																				
10	Macitentan																↔				
10	Tadalafil																↔				
10	Mac. + Tad.																↔				
11	Neuregulin-1																				
12	GapmeR H19		↑		↑														↑		↑
13	MitoQ														↓		↔				
14	Dichloroacetate														↓						
15	Gallein										↔		↑								
16	Sildenafil		↑		↔		↓	↔													
17	Clorgyline			↔	↔																
18	Dantrolene														↓						
19	RVX208				↑																

SV: stroke volume; RVWT: right-ventricular wall thickness; RV FAC: right-ventricular fractional area change; TIMP-1: mRNA expression of tissue inhibitor of metalloproteinase 1; M: monocrotaline (with or without shunt); S: Sugen 5416/hypoxia;P: pulmonary artery banding

↓ - significant decrease in the parameter

↑ - significant increase in the parameter

↔ - no significant effect in the parameter

* - in the animal model, the parameter did not significantly worsen