Supplemental Table 1: All echocardiography parameters gathered, from all experiments combined. Parameters specific to the RV are highlighted. The only parameters omitted for space are multiples of a parameter (the average is presented) and basic mathematical computations from parameters shown here (i.e. artery diameter is presented, but not the πr^2 area calculation). Aorta diameter was taken at the left ventricular outflow tract. Group numbers are shown by standard deviations. *Some mouse values were omitted from the sham-CPI211 group because a malfunction in the heating table appeared to affect heart rates. The effect on other parameters was unknown.

GROUP and (n)	AVG LVOT DIAM. (mm)	AVG LVOT VTI (cm)	LV SV mL/min	AVG HEART RATE	LV CO mL/min	AVG LVIDd (mm)	AVG LVIDs (mm)	FRACT. SHORT. %	DIASTOL r² (mm)	END DIASTOL VOLUME AVG (mm)	SYSTOL r² (mm)	END SYSTOL VOLUME AVG (mm)	EJECT. FRACT. AVG %	CI mLs/min/kg	PULM ARTERY DIAM. (mm)	PULM ARTERY VTI (cm)	RV SV (mL/min)	RV CO (mL/min)	RV CI (CO/BSA)	PULM ARTERY ACCEL TIME	TRICUSP VALVE E WAVE AVG	TRICUSP VALVE A WAVE AVG	TRICUSP VALVE E/A RATIO	% DIFF BETW. E & A
SHAM VEHICLE	1.55	1.46	0.028	301	8.40	3.15	2.06	34.9	2.52	31.2	1.09	9.12	71.54	924	1.80	1.58	0.042	12.70	1356	26.3	183	68.6	2.68	38.2
ST DEV (6)	0.18	0.18	0.007	15	2.24	0.39	0.39	7.4	0.60	10.6	0.42	5.34	10.16	218	0.15	0.22	0.009	3.35	270	7.0	45	15.6	0.45	6.8
SHAM CPI211	1.60	1.48	0.030	305	9.24	3.24	1.95	39.5	2.66	34.0	0.97	7.56	76.78	909	1.71	1.77	0.036	12.65	1327	30.4	232	79.2	2.94	34.8
ST DEV (8*)	0.13	0.37	0.008	72	3.30	0.41	0.30	8.3	0.66	12.2	0.30	3.45	8.83	130	0.25	0.41	0.015	6.62	335	8.1	77	23.7	0.34	3.7
PAB VEHICLE	1.54	1.62	0.030	318	9.76	3.13	2.01	35.8	2.48	30.5	1.04	8.47	72.69	1133	1.65	1.71	0.038	11.87	1381	37.6	235	87.7	2.77	41.0
ST DEV (12)	0.14	0.26	0.008	43	3.14	0.37	0.35	6.8	0.59	10.7	0.34	3.87	7.97	317	0.14	0.36	0.013	4.08	445	9.9	84	27.3	0.96	13.5
PAB CPI211 (25 mg/kg)	1.49	1.69	0.030	317	9.53	3.17	2.11	33.5	2.54	31.6	1.14	9.66	70.14	1118	1.65	1.64	0.038	12.12	1439	41.8	252	65.5	3.99	26.1
ST DEV (10)	0.12	0.49	0.013	31	4.22	0.36	0.33	5.0	0.57	10.8	0.34	4.18	6.44	471	0.15	0.36	0.010	3.11	392	10.2	95	26.8	0.90	5.3
PAB CPI211 (3 mg/kg)	1.46	1.66	0.029	361	10.33	3.12	2.09	33.3	2.46	29.9	1.11	9.18	69.88	1280	1.56	1.35	0.025	8.99	1151	46.7	261	82.2	3.29	33.4
ST DEV (6)	0.12	0.66	0.014	14	4.94	0.28	0.29	5.0	0.45	8.4	0.30	3.67	6.55	503	0.11	0.34	0.008	2.94	290	5.4	86	23.6	0.95	12.6
PAB ASPIRIN	1.59	1.70	0.034	380	13.03	3.10	2.04	34.7	2.45	30.2	1.08	9.10	71.51	1232	1.87	1.49	0.043	16.16	1824	37.5	195	70.0	2.79	36.2
ST DEV (6)	0.24	0.60	0.017	17	6.92	0.45	0.44	6.4	0.72	13.4	0.46	5.55	7.96	310	0.10	0.25	0.008	2.75	611	9.6	57	19.6	0.32	3.9
PAB OZAGREL	1.53	1.67	0.032	354	11.31	2.97	1.80	39.3	2.24	26.2	0.83	5.95	77.37	1391	1.58	1.12	0.022	7.69	960	44.3	283	103.0	2.89	35.5
ST DEV (7)	0.14	0.34	0.012	26	4.76	0.38	0.27	4.0	0.55	9.3	0.24	2.51	4.75	500	0.09	0.26	0.005	1.57	173	10.7	97	46.4	0.47	6.1

Abbreviations:
LVOT DIAM: Diameter of left ventricular outflow tract
VTI: Velocity time integral
SV: Stroke volume (LVOT area in cm × VTI)
CO: Cardiac output (SV × heart rate)
LVIDd: Left ventricular internal diameter end diastole
LVIDs: Left ventricular internal diameter end systole
CI: Cardiac index (CO × body surface area

Supplemental Table 2: Flow sorting of whole RV for circulating macrophage markers in C57BL/6 mice; all comparisons were non-significant by 2-way ANOVA. Each n is a separate mouse RV. FACS data used to construct the plots and gating strategies are shown in Supplemental Figure 1.

	Sham veh	Sham CPI211	PAB veh	PAB CPI211
% CD45+	5.51 ± 0.20	5.40 ± 0.37	5.75 ± 0.55	5.3 ± 0.94
% CD45+/F480+	2.92 ± 0.25	3.30 ± 0.38	3.23 ± 0.47	2.80 ± 0.52
% CD45+/CD11b+	4.53 ± 0.32	4.33 ± 0.39	4.81 ± 0.43	4.51 ± 1.18
% CD45+/CD14+	3.48 ± 0.28	3.90 ± 0.49	4.14 ± 0.41	3.46 ± 0.70
CD206+ % of CD45+	96.52 ± 1.30	97.37 ± 0.46	97.43 ± 0.69	96.53 ± 1.37
CD86+ % of CD45+	1.97 ± 0.66	1.60 ± 0.20	1.71 ± 0.41	2.20 ± 0.67
total n	4	6	5	3