



Table S1. Original data for the effects Paroxetine on ISO-induced cardiac injury, hypertrophic and fibrotic markers.

		Control	CH	CH+P	CH+F
HW/BW Ratio (mg/g)	Repeat no. 1	3.76	4.71	4.91	4.67
	Repeat no. 2	3.8	4.96	4.11	4.72
	Repeat no. 3	3.85	4.79	3.86	4.62
	Repeat no. 4	3.76	5.11	4.27	4.53
	Repeat no. 5	3.52	4.89	4.16	4.46
	Repeat no. 6	3.65	6.31	4.3	4.75
		Control	CH	CH+P	CH+F
Troponin-I (pg/ml)	Repeat no. 1	46817.340	145334.000	16891.097	66966.850
	Repeat no. 2	44158.000	145334.000	47480.090	120841.810
	Repeat no. 3	41498.614	126624.976	91512.615	99757.000
	Repeat no. 4	44158.000	164042.541	96295.485	75278.443
	Repeat no. 5	00000000	00000000	10709.626	154642.000
	Repeat no. 6	00000000	00000000	52578.000	81054.833
		Control	CH	CH+P	CH+F
CK-MB (ng/ml)	Repeat no. 1	66.390	66.0461	65.1856	62.087
	Repeat no. 2	4.8338	116.100	13.1689	10.565
	Repeat no. 3	39.490	187.567	16.9854	69.280
	Repeat no. 4	4.6601	155.749	18.5460	12.127
	Repeat no. 5	29.026	90.262	28.421	103.619
	Repeat no. 6	88.033	74.128	62.087	116.947
		Control	CH	CH+P	CH+F
BNP (ng/ml)	Repeat no. 1	0.477	2.197	1.267	1.020
	Repeat no. 2	0.625	2.121	0.032	2.384
	Repeat no. 3	0.431	1.533	0.182	1.468
	Repeat no. 4	0.965	1.655	1.155	1.171
	Repeat no. 5	0.630	1.877	0.092	2.231
		Control	CH	CH+P	CH+F
Hydroxyproline (µg/g)	Repeat no. 1	4.997	6.1484	5.7140	5.9500
	Repeat no. 2	4.856	6.3900	5.8662	6.0780
	Repeat no. 3	5.620	6.2015	5.4790	6.5549
	Repeat no. 4	5.336	6.0338	5.6846	6.4661
	Repeat no. 5	00000	6.4533	00000	7.0350
	Repeat no. 6	00000	6.3170	00000	6.1960

Table S2. Effect of paroxetine on NF-κB and inflammatory biomarkers.

		Control	CH	CH+P	CH+F
NFκB (p105) subunit (ng/ml)	Repeat no. 1	10.95	13.47	10.49	12.05
	Repeat no. 2	9.68	12.84	9.90	11.63
	Repeat no. 3	12.78	13.36	9.58	14.27
	Repeat no. 4	12.32	12.76	10.66	13.99
	Repeat no. 5	10.96	13.11	12.65	12.54
	Repeat no. 6	10.87	0000	12.68	12.87
		Control	CH	CH+P	CH+F
CRP (pg/ml)	Repeat no. 1	29.127	58.718	35.185	58.7180
	Repeat no. 2	31.714	63.015	36.058	57.497

IL6 (pg/ml)	Repeat no. 3	32.291	56.280	29.127	31.138
	Repeat no. 4	29.701	67.974	28.841	29.127
	Repeat no. 5	27.982	65.178	30.850	32.868
	Control		CH	CH+P	CH+F
	Repeat no. 1	96.935	143.209	106.039	101.148
	Repeat no. 2	86.572	149.080	100.744	125.801
	Repeat no. 3	90.244	137.219	85.040	107.894
	Repeat no. 4	103.787	129.115	82.380	129.560

Table S3. Effect of paroxetine on pro-hypertrophic and pro-fibrotic gene expression.

		Control	CH	CH+P	CH+F
GRK2 Gene Expression	Repeat no. 1	0.973	1.152	0.893	1.094
	Repeat no. 2	0.927	1.014	0.692	1.229
	Repeat no. 3	0.938	1.161	0.791	1.264
	Repeat no. 4	0.916	0000	0000	0000
		Control	CH	CH+P	CH+F
NFκB(p65) Gene Expression	Repeat no. 1	1.049	1.118	1.219	1.556
	Repeat no. 2	0.795	1.166	1.263	1.584
	Repeat no. 3	0.710	1.316	1.123	1.775
	Repeat no. 4	0000	0000	1.279	00000
		Control	CH	CH+P	CH+F
IκB-α Gene Expression	Repeat no. 1	0.859	0.779	0.911	1.151
	Repeat no. 2	1.150	0.731	0.723	1.057
	Repeat no. 3	1.012	0.806	0.845	0.933
	Repeat no. 4	1.058	00000	00000	1.079
		Control	CH	CH+P	CH+F
TGFβ-1 Gene Expression	Repeat no. 1	0.796	1.096	0.883	1.541
	Repeat no. 2	0.905	1.044	0.927	1.369
	Repeat no. 3	1.045	1.213	0.878	1.433
	Repeat no. 4	0000	0000	0.897	0000
		Control	CH	CH+P	CH+F
ANP Gene Expression	Repeat no. 1	0.865	3.106	2.470	3.659
	Repeat no. 2	1.036	3.229	2.434	3.717
	Repeat no. 3	1.116	3.147	2.366	3.367
	Repeat no. 4	0000	0000	0000	0000
		Control	CH	CH+P	CH+F
α-SMA Gene Expression	Repeat no. 1	0.938	1.062	0.640	0.884
	Repeat no. 2	0.953	1.145	0.800	1.056
	Repeat no. 3	1.003	0.965	0.551	1.133
	Repeat no. 4	0000	0000	0.464	0000
		Control	CH	CH+P	CH+F
Smad3 Gene Expression	Repeat no. 1	1.031	1.161	0.815	1.471
	Repeat no. 2	0.882	1.080	0.601	1.741
	Repeat no. 3	0.956	1.120	0.708	1.606
	Repeat no. 4	0000	0000	0000	0000