

Supplemental Table 1. Changes of physiologic parameters in all groups

Physiologic parameters	Experimental groups	1 hr	2 hr	3 hr	4 hr
MAP	Control	103.3 ± 2.9 %	104.3 ± 3.4 %	99.5 ± 2.9 %	98.7 ± 3.5 %
	LPS	90.2 ± 3 % [#]	81.1 ± 4.6 % [#]	56.1 ± 4.1 % [#]	33.7 ± 5 % [#]
	HSC70 + LPS	106 ± 2.8 % [*]	96.3 ± 3.4 % [*]	75.3 ± 3.9 % [*]	54.2 ± 2.4 % [*]
	HSC70	102.3 ± 3.3 %	103.3 ± 4.2 %	101.2 ± 4.5 %	97.9 ± 5.1 %
HR	Control	98.3 ± 2.7 %	100.3 ± 2.2 %	98.5 ± 2.7 %	99.3 ± 2.6 %
	LPS	115.2 ± 3.5 % [#]	132.8 ± 4.4 % [#]	139.3 ± 3.9 % [#]	135.5 ± 3.9 % [#]
	HSC70 + LPS	106 ± 3.7 %	112.4 ± 3.1 % [*]	115.3 ± 3.3 % [*]	113.5 ± 3.4 % [*]
	HSC70	99.3 ± 3.4 %	99.4 ± 4.3 %	97.5 ± 2.7 %	101.2 ± 4.5 %
LVSP	Control	97.8 ± 2.5 %	99 ± 3 %	103.1 ± 2.5 %	101 ± 3.5 %
	LPS	95.8 ± 2.5 %	90.7 ± 4 % [#]	77.8 ± 3 % [#]	51.1 ± 4 % [#]
	HSC70 + LPS	106.7 ± 3.9 %	109.2 ± 3.4 % [*]	101.9 ± 4.4 % [*]	84.2 ± 2.8 % [*]
	HSC70	98.7 ± 3.4 %	98.2 ± 4.1 %	101.5 ± 2.5 %	99.5 ± 4.1 %
Max dp/dt	Control	102.2 ± 2.1 %	101.4 ± 3.6 %	104.1 ± 2.8 %	102.3 ± 4.2 %
	LPS	94.1 ± 4.6 %	85.5 ± 3.1 % [#]	72.3 ± 2.7 % [#]	61.6 ± 3.5 % [#]
	HSC70 + LPS	97.1 ± 3.9 %	91.2 ± 3.6 %	86.7 ± 3.8 % [*]	81.2 ± 3.2 % [*]
	HSC70	103.1 ± 3.5 %	102.4 ± 5.4 %	103.5 ± 4.1 %	99.3 ± 3.4 %
Min dp/dt	Control	103.2 ± 3.2 %	102.5 ± 4.6 %	104.3 ± 3.7 %	101.6 ± 4.6 %
	LPS	90.6 ± 1.5 %	82.4 ± 2.6 % [#]	74.8 ± 2.3 % [#]	53.9 ± 1.5 % [#]
	HSC70 + LPS	105.2 ± 2.2 % [*]	95.4 ± 2.9 % [*]	92.3 ± 2.2 % [*]	86.5 ± 2.9 % [*]
	HSC70	99.2 ± 5.1 %	102.5 ± 5.2 %	101.3 ± 4.8 %	98.6 ± 5.1 %

Data are expressed as percentage compared with baseline value (mean ± standard error). MAP: mean arterial pressure; HR: heart rate; LVSP: left ventricular systolic pressure; Max dp/dt: maximal slope of systolic pressure increment; Min dp/dt: maximal slope of diastolic pressure decrement; [#]p<0.05 vs. baseline, ^{*} p<0.05 vs. LPS group.