SUPPLEMENTARY MATERIAL

Figure S1. Representative photomicrographs of lung parenchyma stained with hematoxylin-eosin (HE). Original magnification: ×1000. Note increased number of neutrophils in ELA-SAL group (compared to C-SAL) and a further increase after exacerbation (arrows) (ELA-LPS group).

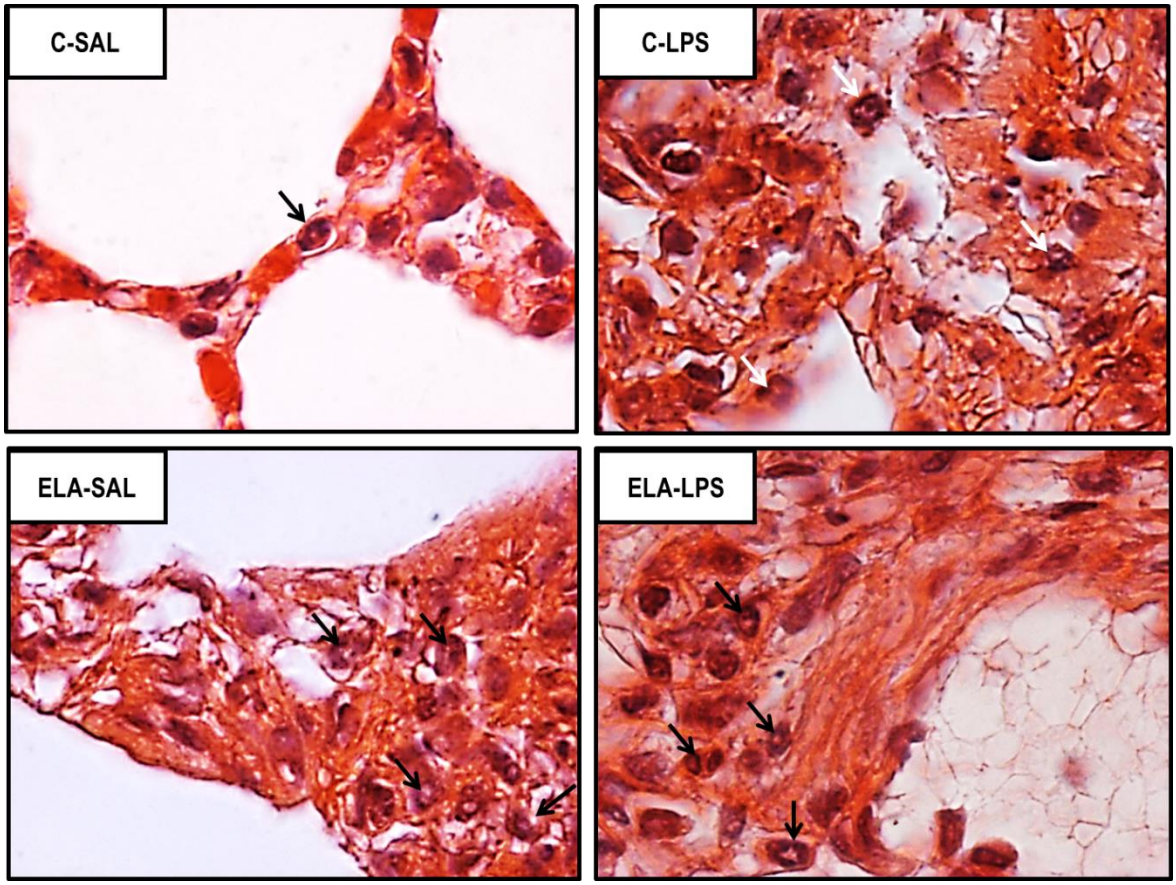


Figure S2: Computed tomography scans (A) and analysis of Hounsfield units (HU), lung volume (mm^3), and specific gravity in INITIAL, ELA, and ELA-LPS conditions (B). *Significantly different from INITIAL ($p < 0.05$). #Significantly different from ELA group ($p < 0.05$).

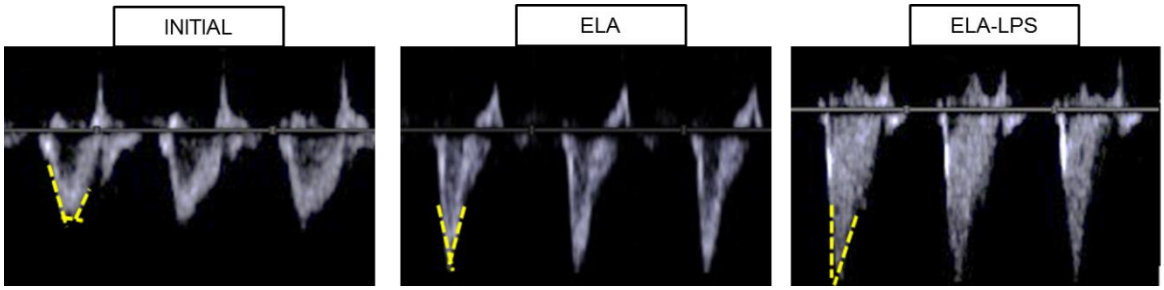
A

B

	INITIAL	ELA	ELA-LPS
CT numbers (Hounsfield units)	-579.6 ± 69.2	-921.2 ± 49.9 *	-796.8 ± 58.6 #
Lung volume (mm^3)	1758.7 ± 386.2	5312.0 ± 451.8 *	5350.5 ± 754.2
Specific gravity	0.35 ± 0.03	0.49 ± 0.03 *	0.82 ± 0.10 #

Figure S3: Representative images of pulmonary blood flow on echocardiography (A) and analysis of PAT/PET, right ventricular end-diastolic area, and diastolic right ventricular wall thickness (B). *Significantly different from INITIAL ($p < 0.05$). #Significantly different from ELA group ($p < 0.05$).

A



B

	INITIAL	ELA	ELA-LPS
PAT/PET	0.48 ± 0.03	0.34 ± 0.02 *	0.21 ± 0.04 #
Right ventricular end-diastolic area (cm²)	0.30 ± 0.02	0.51 ± 0.02 *	0.50 ± 0.02
Diastolic right ventricular wall thickness (mm)	0.05 ± 0.01	0.12 ± 0.01 *	0.15 ± 0.06