Supplementary material:

Supplementary Table S1. Human and rat primers used for real-time polymerase chain reaction.

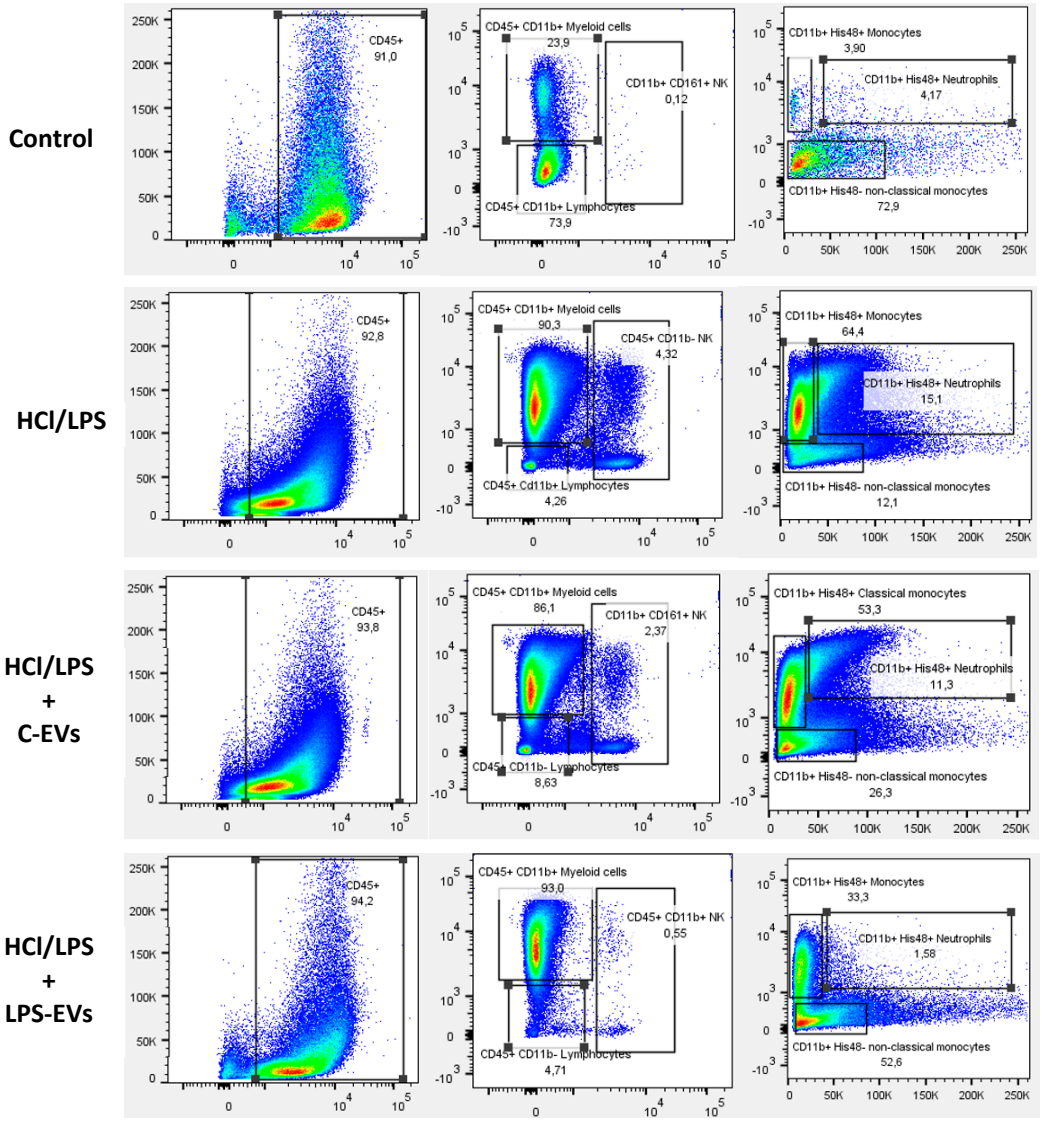
GENE	SPICES	FUNCTIONS	FORWARD PRIMER	REVERSE PRIMER
RPL37A	Human	Housekeeping	5′ATTGAAATCAGCCAGCACGC3′	5′AGGAACCACAGTGCCAGATCC3′
GAPDH	Rat	Housekeeping	5′CTGTGTCTTTCCGCTGTTTTC3′	5′TGTGCTGTGCTTATGGTCTCA3′
IL-1B	Human	Pro-inflammatory	5′GGACAAGCTGAGGAAGATGC′	5′TCGTTATCCCATGTGTCGAA3′
IL-1B	Rat	Pro-inflammatory	5′AAAAATGCCTCGTGCTGTCT3′	5′TCGTTGCTTGTCTCTCCTTG3′
IL-6	Human	Pro-inflammatory	5′TACCCCCAGGAGAAGATTCC3′	5′TTTTCTGCCAGTGCCTCTTT3′
IL-6	Rat	Pro-inflammatory	5′CTGCTCTGGTCTTCTGGAGT3′	5′GGTCTTGGTCCTTAGCCACT3′
IL-8	Human	Neutrophil recruitment	5′ATTTCTGCAGCTCTGTGTGAA3′	5′TTGTGGATCCTGGCTAGCAGAC3′
CXCL-1	Rat	Neutrophil recruitment	5′CCACACTCAAGAATGGTCGC3′	5′GTTGTCAGAAGCCAGCGTTC3′
CCL2	Rat	Macrophage recruitment	5′GCTGCTACTCATTCACTGGC3′	5′GGTGCTGAAGTCCTTAGGGT3′
CD86	Human	M1 macrophage phenotype marker	5′ATCAAGGACACGGGCTTGTA3′	5′GCATGTTGTCGCCATACTCA3′
CD206	Human	M2 macrophage phenotype marker	5′CAGATGCCCGGAGTCAGATC3′	5′TTTATCCACAGCCACGTCCC3′
ARG-1	Rat	Anti-inflammatory	5′GGGAAGACACCAGAGGAGGT3′	5′TGATGCCCCAGATGACTTTT3′
MR	Rat	Anti-inflammatory	5′CCAGGTGGTTTATGGGATGT3′	5′GGGTTCAGGAGTTGTTGTGG3′

Supplementary Table S2. List of conjugated antibodies used in the flow cytometry analysis.

Antibody	*Fluorochrome*	*Source*	*Reference*	*Dilution*
CD45	PE-Cy7	BioLegend	202214	1:200
CD11b	PE	BioLegend	201807	1:200
His48	FITC	eBioscience	15268119	1:200
CD161	APC	Biolegend	205606	1:100

Supplementary Table S3. Lung injury score system.

Parameter	Score per field
Hemorrhage	0-1
Peribronchial infiltration	0-1
Interstitial edema	0-2
Pneumocyte hyperplasia	0-3
Intra-alveolar infiltration	0-3



Supplementary Figure S1: Gating strategy examples for flow cytometry analysis for each experimental group. Gated cell populations: Total myeloid cells: CD45+ and CD11b+; Classical monocytes: CD45+ CD11b+ His48+; Neutrophils: CD45+ CD11b+ His48+ with high granularity (side scatter (SSC-A).