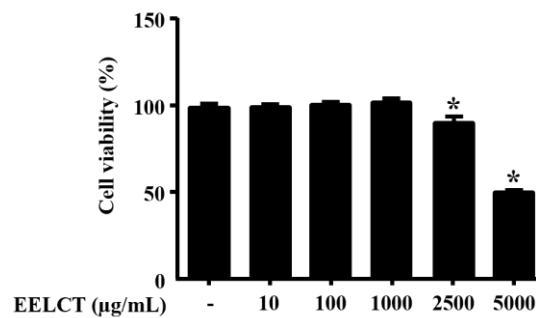


## Anti-inflammatory effects of *Clematis terniflora* leaf on lipopolysaccharide-induced acute lung injury

**Supplementary Figure S1.** Effects of EELCT on cell viability.

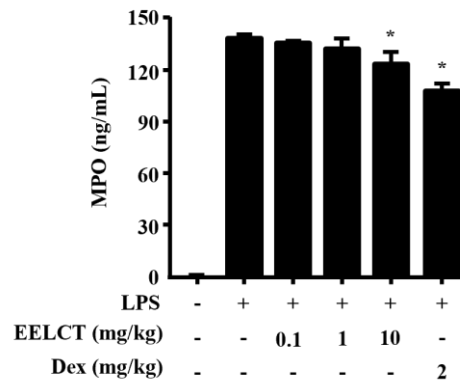
**A**



(A) RAW 264.7 cells ( $1 \times 10^5$  cells/well in a 96-well plate) were treated with/without EELCT (10–5,000  $\mu\text{g/mL}$ ) for 24 h and incubated with MTT reagent (1 mg/mL) for 2 h at 37 °C. The formazan crystals were dissolved 100  $\mu\text{L}$  of dimethyl sulfoxide and measured absorbance at 570 nm. Graph data represent the relative absorbance of cells treated with/ without EELCT as mean  $\pm$  SD. \* $p < 0.05$  compared with control cells.

**Supplementary Figure S2.** Effects of EELCT on MPO production in LPS-induced ALI model.

**A**



Mice were intratracheally injected with LPS (5 mg/kg) and 24 h later, mice were sacrificed and BALF were collected. (A) MPO levels in BALF was measured by ELISA. Graph data represent the mean  $\pm$  SEM. \* $p < 0.05$  compared with the ALI group. Dex: dexamethasone.

**Supplementary Table S1.** Primers sequences used for qPCR.

Table 1. Primer sequences used for qPCR.

Primer	Sequence 5'→3'	GenBank accession number
GAPDH	F: AGACACCATGGGGAAGGTGA	NM_008084.3
	R: TGGAATTTGCCATGGGTGGA	
COX-2	F: GCCAGGCTGAACTTCGAAACA	NM_011198.5
	R: GCTCACGAGGCCACTGATACCTA	
iNOS	F: GGAATGGAGACTGTCCCAGCA	NM_010927.4
	R: GTCATGAGCAAAGGCGCAGA	
TNF- $\alpha$	F: GGCAGGTCTACTTTGGAGTCATTGC	NM_013693.3
	R: ACATTCGAGGCTCCAGTGAATTCGG	
IL-6	F: TCCAGTTGCCTTCTTGGGAC	NM_0.1168.2
	R: GGTCTGTTGGGAGTGGTATC	
IL-1 $\beta$	F: GGACCTTCCAGGATGAGGAC	NM_008361.4
	R: GTTCATCTCGGAGCCTGTAG	

F, forward; R, reverse.

**Supplementary Table S2.** Antibody information used in Western blot.

Target	Supplier	Cat. No.	Size (kDa)	Host	Dilution
$\beta$ -actin	Invitrogen	MA5-15739	42	Mouse	1:1000
COX-2	Santa Cruz	4842S	74	Rabbit	1:1000
iNOS	Cell Signaling	sc-651	130	Rabbit	1:1000
NF- $\kappa$ B p65	Cell Signaling	8242S	65	Rabbit	1:1000
p-NF- $\kappa$ B p65 <sup>Ser536</sup>	Cell Signaling	3033S	65	Rabbit	1:1000
ERK	Cell Signaling	9102S	42, 44	Rabbit	1:1000
p-ERK <sup>Thr202/Tyr204</sup>	Cell Signaling	9101S	42, 44	Rabbit	1:1000
JNK	Cell Signaling	9252S	46, 54	Rabbit	1:1000
p-JNK <sup>Thr183/Tyr185</sup>	Cell Signaling	9255S	46, 54	Mouse	1:1000
p38	Cell Signaling	9212S	38	Rabbit	1:1000
phospho-p38 <sup>Thr180/Tyr182</sup>	Cell Signaling	9215S	38	Rabbit	1:1000
Mouse IgG	Cell Signaling	7076S		Horse	1:2000
Rabbit IgG	Cell Signaling	7074S		Goat	1:2000

p, phospho