

Figure S1. TNF- α cytotoxicity by CCK-8 was assessed for concentration selection. 16HBE cell viability in response to TNF- α (10-100 ng/ml) treatment for 24 h assessed by CCK-8 assay. **P<0.01 vs. the empty control group (TNF- α 0 ng/ml). CCK, cell counting kit; TNF, tumor necrosis factor.

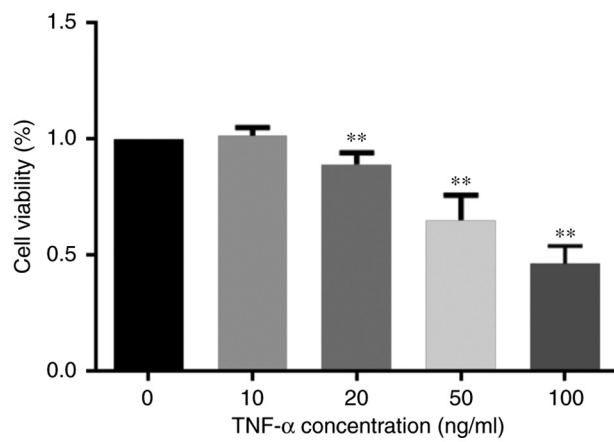


Table SI. Pathology classification standard of lung injury.

Levels	Standards
0	The alveolar wall was intact without thickening, inflammatory infiltration and congestion.
1	The alveolar wall was slightly infiltrated by diffuse inflammatory cells (neutrophils), and the alveolar wall was not thickened.
2	The alveolar wall was markedly and extensively infiltrated by inflammatory cells (neutrophils and monocyte) and slightly thickened (1-2 time).
3	Severe inflammatory cell infiltration to the alveolar wall, slightly thickening of the alveolar wall in some areas by 2-3 times.
4	Severe inflammatory cell infiltration to the alveolar wall, marked thickening of the alveolar wall and consolidation of 25-50% of the lung tissue.
5	Severe inflammatory cell infiltration to the alveolar wall, marked thickening of the alveolar wall and consolidation of the lung tissue >50%.