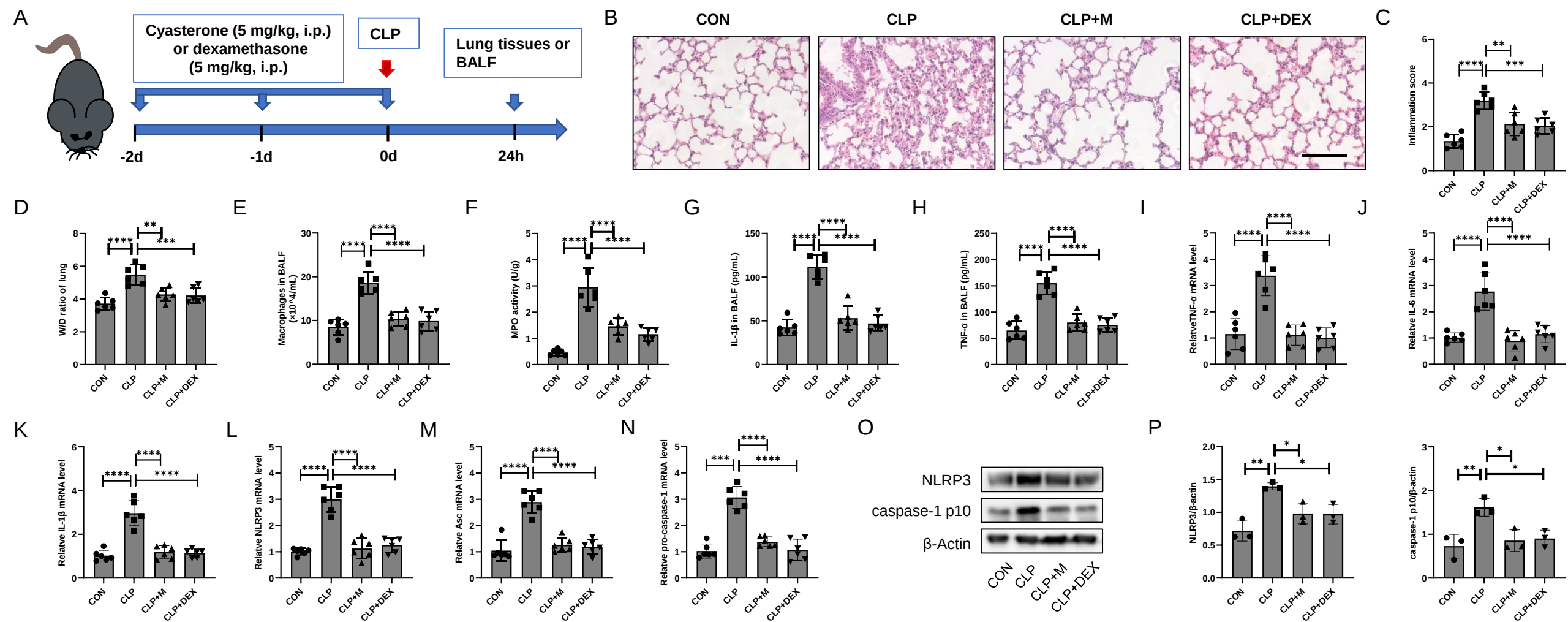


Supplementary Figure 1



Supplementary Figure 1. Comparison of the effects of cyasterone and dexamethasone in CLP-induced ALI mice. (A) Cyasterone (5 mg/kg) or dexamethasone (5 mg/kg) was administered intraperitoneally to compare their effects on CLP-induced ALI. (B–C) HE staining and lung inflammation score were used to detect the lung histopathological changes. Bars represent 100 μ m. (D) Lung W/D ratio was measured to determine lung permeability. (E) The number of macrophages in BALF was measured. (F) MPO activity in lung tissue were determined. (G–H) IL-1 β , TNF- α in BALF were determined with ELISA. (I–N) IL-6, IL-1 β , TNF- α , NLRP3, pro-caspase-1 and Asc mRNA in the lungs were determined with Q-PCR. (O–P) Western blotting was used to detect the protein expression levels of NLRP3 and caspase-1 p10. Data are expressed as mean $\pm$ SD, n = 6–8, * P < 0.05; ** P < 0.01; *** P < 0.001; **** P < 0.0001.