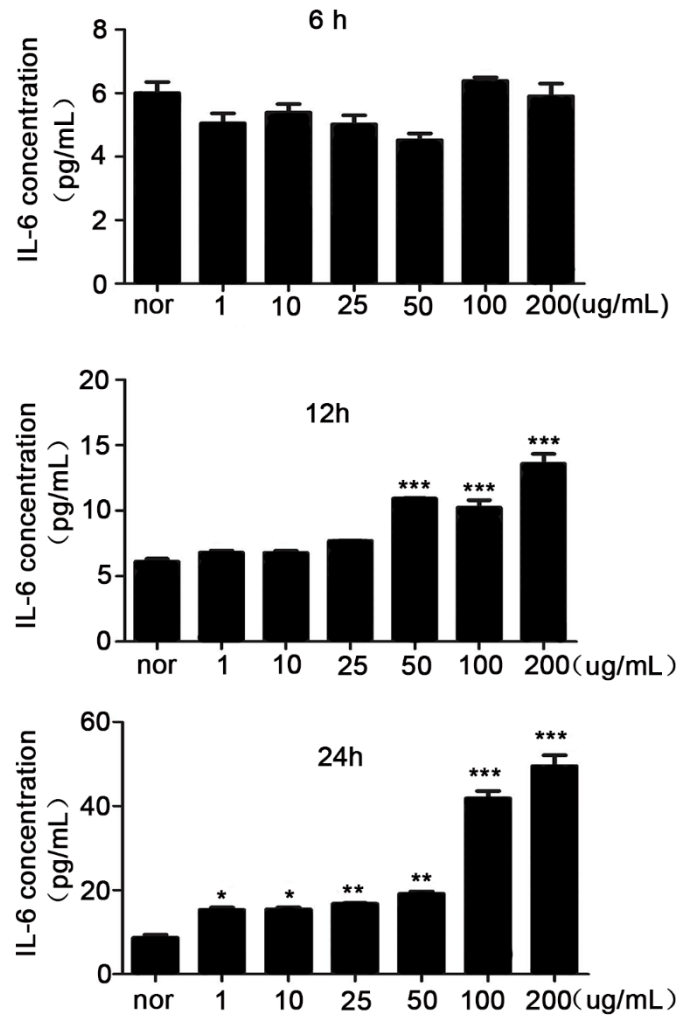
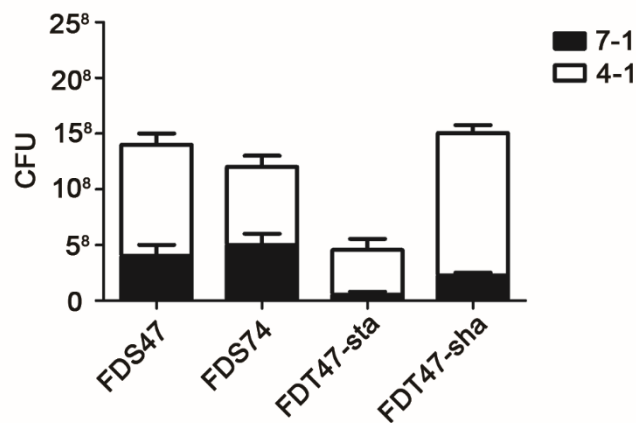
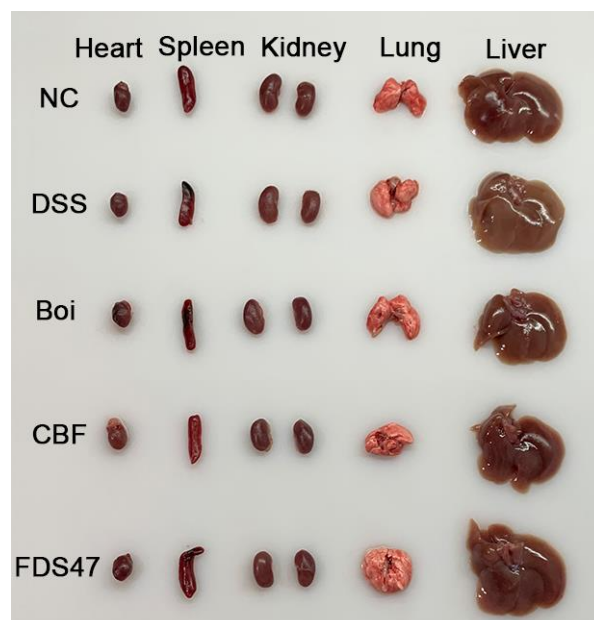




Supplemental figure 1. Establishment of the LPS induced caco-2 cell model of UC in vitro. The supernatant of caco-2 cells treated with different concentrations of LPS were collected at 6 h, 12 h or 24 h. The IL-6 levels were detected using ELISA kits. (Data are expressed as means $\pm$ S.E. * $p < 0.05$, ** $p < 0.01$ and *** $p < 0.001$ v.s. normal group)



Supplemental figure 2. Maximum viable count. FDS47 (fermented Danshen sequence 47), FDS74 (fermented Danshen sequence 74), FDT47-sta (fermented Danshen together 47 shake), FDT47-sha (fermented Danshen together 47 stationary). The supernatant of the fermented Danshen liquid was obtained. The plates were incubated at 37 °C for 24 h. And the viable cells were enumerated by the plate count method. Cell counts were expressed as CFU/mL.



Supplemental figure 3. Photographs of hearts, spleens, kidneys, lungs and livers in DSS-induced UC mice treated with Boi (boiled), CBF (compound bacterium fluid) or FDS47 (fermented Danshen sequence 47).