

**Figure S1 Organ biodistribution of DiR/CFSE-labeled SHED cells after systemic administration.** A: Representative ex vivo images of excised organs at 1, 3, 7d post-injection. B: Frozen Sections of liver and spleen at 1, 3, 7d post-injection. C: Frozen Sections of lung, kidney and heart. Scale = 100  $\mu$  M.

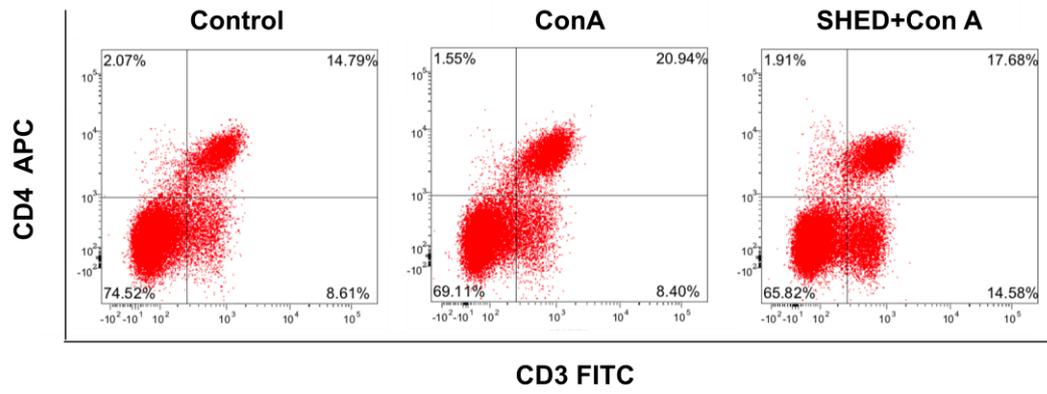
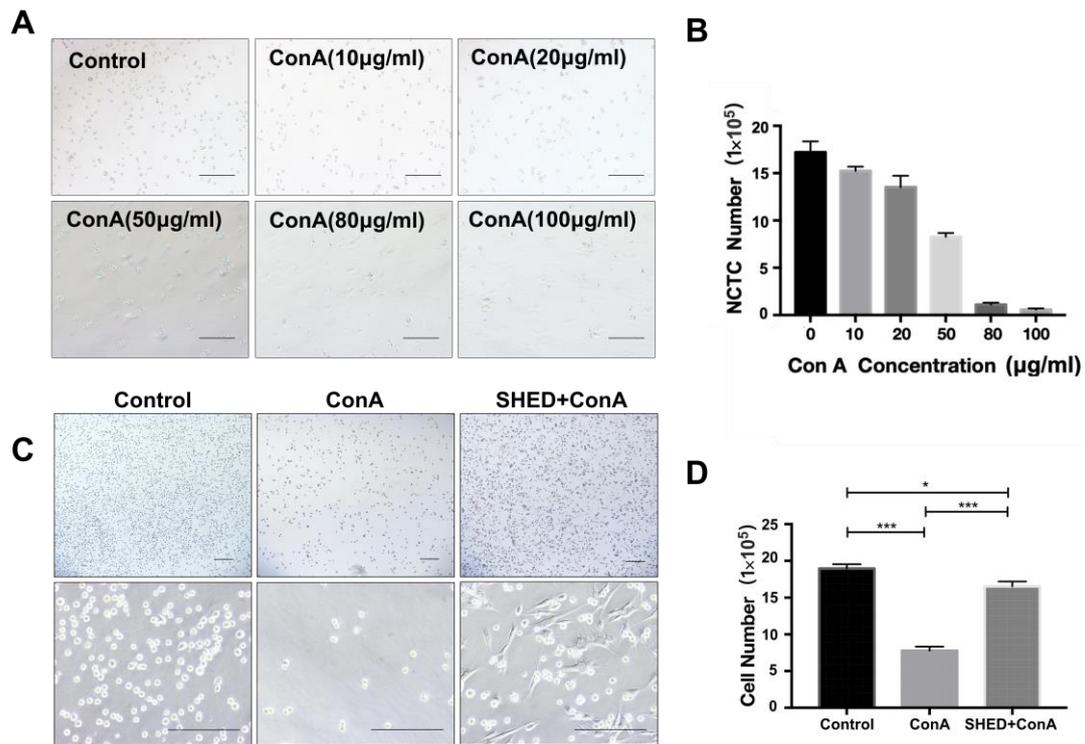
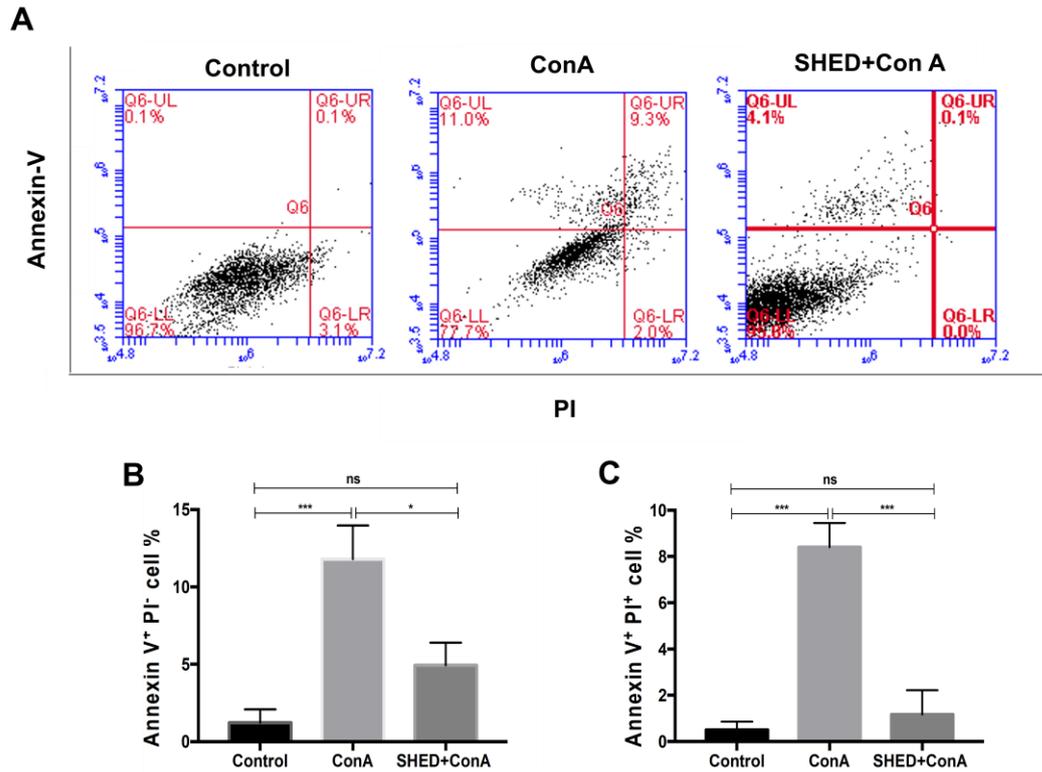


Figure S2 The content of CD3<sup>+</sup> and CD4<sup>+</sup> cells in the whole blood were detected by flow cytometry.



**Figure S3 NCTC-1469 liver cell number.**

A: NCTC cells were cultivated with Con A of different concentrations(0、10、20、50、80、100µg/ml). B:Quantitative analysis showed NCTC-1469 liver cell number of different concentrations. C:NCTC-1469 liver cell number in three group, counting round cells. D: Quantitative analysis showed NCTC-1469 liver cell number. Scale = 100 µ M, \* \* \*, P < 0.001, \* \*, P < 0.01, \*, P < 0.05, ns showed no statistical difference (mean ± SD),n ≥ 3.



**Figure S4 SHED cells cocultured 7 day before the ConA treatment**

A: NCTC cell apoptosis detected by flow cytometry B Quantitative analysis of Annexin V<sup>+</sup>PI<sup>-</sup> rate; G: Quantitative analysis of Annexin V<sup>+</sup>PI<sup>+</sup> rate. Scale = 100  $\mu$  M, \* \* \*, P < 0.001, \* \*, P < 0.01, \*, P < 0.05, ns showed no statistical difference (mean  $\pm$  SD), n  $\geq$  3.