



**Figure S1** Flow cytometric cytograms of Tregs in the control group (A) and group S-FK NPs (B). Flow cytometric dot plot of CD4+ CD25+ FoxP3+ Tregs in peripheral blood in the control group on POD 3, 9, 12 (A1-A3) and in group S-FK NPs on POD 3, 9, 30 and 65 (B1-B4). The fluctuation of Treg proportions in group blank NPs is the same as in the control group; while the variations are the same in group S-FK506 and S-FK NPs. CD, cluster of differentiation; FoxP3, forkhead box P3; POD, postoperative days.