

Figure S1

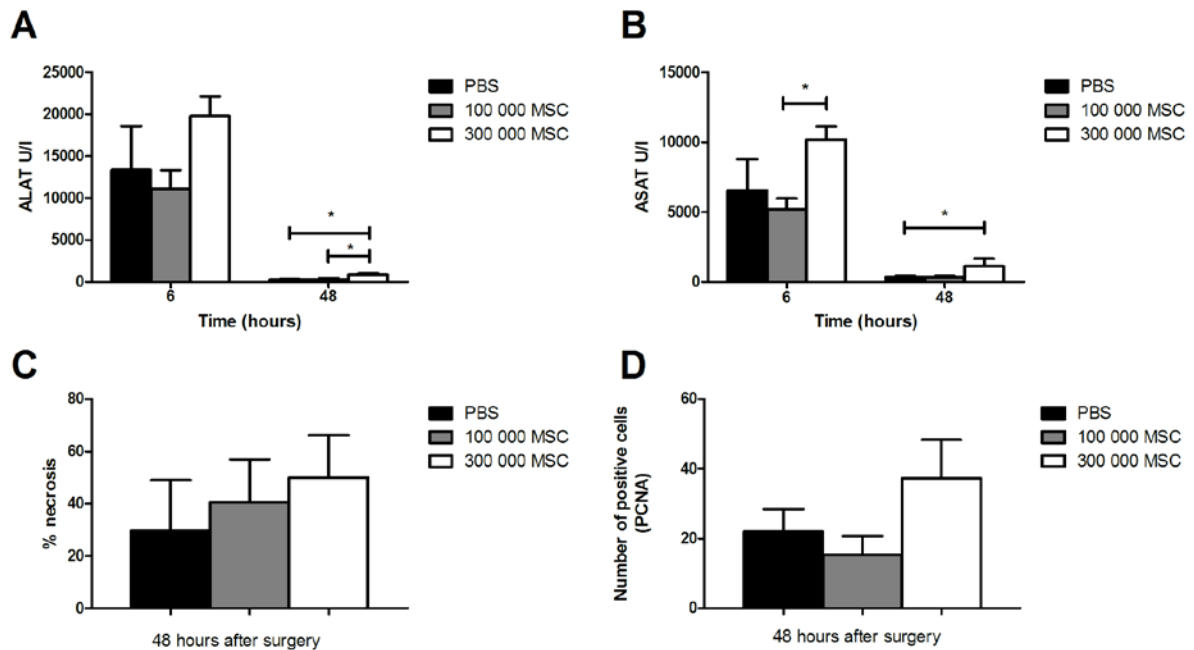


Figure S1: Hepatocellular injury after infusion of PBS, 1×10^5 or 3×10^5 MSC directly after IRI and PH. (A) Six hours after IRI and PH serum ALAT levels showed no significant differences between PBS, 1×10^5 or 3×10^5 MSC infused mice. Forty-eight hours after IRI and PH, mice infused with 3×10^5 MSC showed significant higher serum levels of ALAT compared to the PBS and 1×10^5 MSC treated mice. (B) Mice infused with 3×10^5 MSC showed significant higher serum ASAT levels six hours after IRI and PH compared with mice infused with 1×10^5 MSC. Forty-eight hours after IRI and PH mice treated with 3×10^5 MSC showed significant higher levels of ASAT compared to PBS treated mice. (C) Forty-eight hours after IRI and PH there was no difference in percentage of necrosis in liver tissue between mice infused with PBS, 1×10^5 or 3×10^5 MSC. However, mice infused with 3×10^5 MSC show a trend towards higher percentage of necrosis compared to PBS treated mice. (D) The number of PCNA positive cells was not significantly different. However, mice treated with 3×10^5 MSC might show a trend towards higher number of proliferating cells compared to PBS treated mice. These data suggest that there is more liver damage in mice treated with 3×10^5 MSC, and hence a stronger regenerative response. The data are expressed as means \pm SEM, ($*P < 0.05$) vs PBS or 1×10^5 MSC infused mice).