

**Supplemental Figure 1: a)** Murine polytrauma (PT) model with and without hemorrhagic shock (HS); 8 mice were randomly subjected to HS, PT or PT+HS procedure. Monitoring of the heart rate and **b)** rectal temperature, recorded every 5 min from instrumentation until sacrifice. **c)** Blood volume which was withdrawn to induce and maintain HS. Kruskal-Wallis ANOVA-analysis on ranks, #p<0.05 vs. HS, n=8/group.



HS

PT+HS



Time after trauma [min]

**Supplemental Figure 2:** a) Immunohistochemistry for the kidney injury molecule-1 (KIM-1) in kidney sections obtained from mice after hemorrhagic shock (HS), polytrauma (PT) and PT+HS procedure and control animals (Ctrl); representative of 5-8 histological slides per group. b) Summary of the densitometric analysis for the KIM-1 staining of the kidney sections. Kruskal-Wallis ANOVA-analysis on ranks, \*p<0.05 vs. Ctrl (n=5).