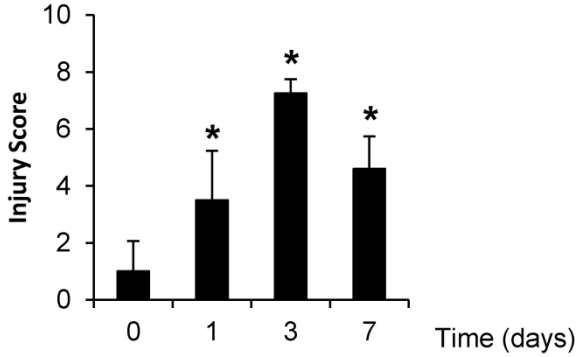
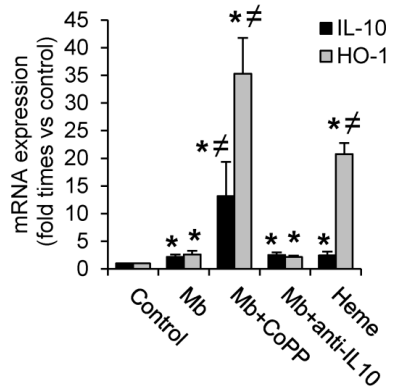
Supplemental Figure 1. Rhabdomyolysis promotes renal damage. Tissue sections from mice injected with saline or 10 ml/kg 50% glycerol in each thigh caudal muscle were scored on a semiquantitative scale from 0 to 3 to analyze the loss of brush border, signs of regenerations, desquamation and tubular dilation. Results from each item were added to yield the renal injury score, which had a maximal value of 12. Results are expressed as mean ± SE. * $p<0.05$ vs saline-treated mice.

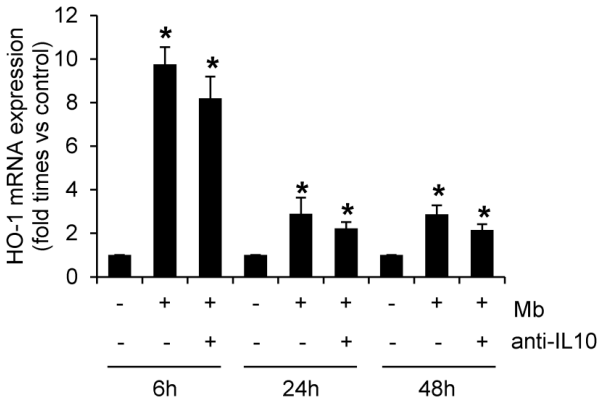


Supplemental Figure 2. Myoglobin induces HO-1 and IL-10 in mouse peritoneal macrophages. Macrophages were isolated from the mouse peritoneal cavity and treated with myoglobin (Mb). (**A-B**) HO-1 and IL-10 mRNA expression in macrophages treated with Mb (1mg/mL) or equimolar concentration of heme (60μM) for 48h in presence or absence of the HO-1 inducer CoPP or an IL-10 blocking antibody (1μg/mL). (**C**) IL-10 concentration in supernatants from Mb-stimulated macrophages after 48h of culture. Results are expressed as mean±SE of at least three independent experiments. * $p<0.05$ as compared with non-treated cells, ≠ $p< 0.05$ as compared with cells stimulated with Mb.

A



B



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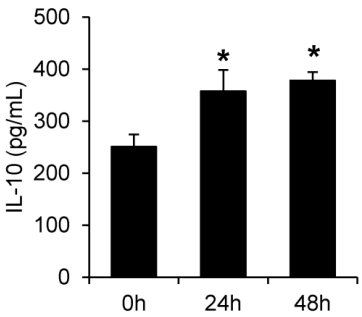
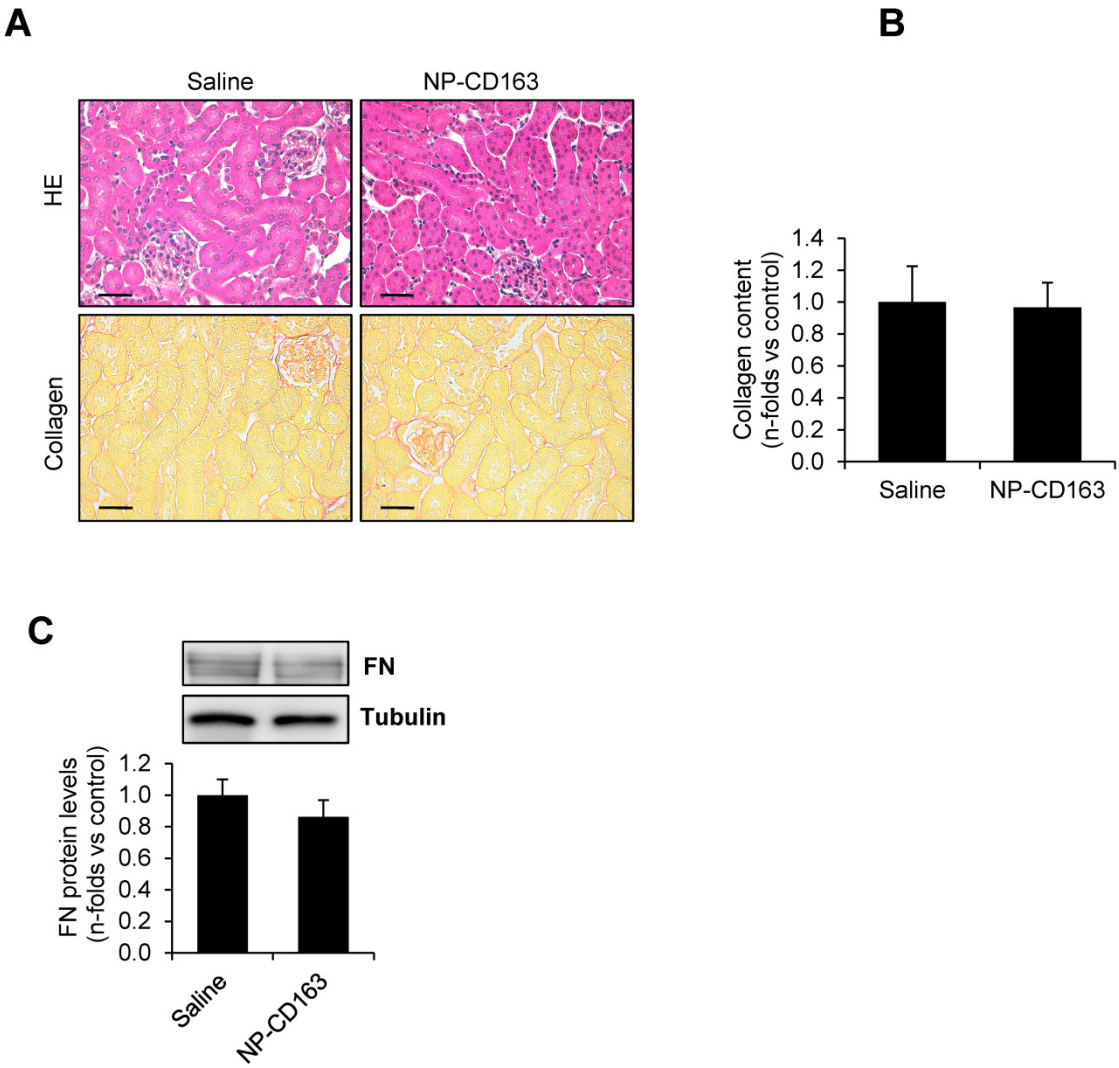


Supplemental Figure 3. Histological and fibrosis analysis of kidneys from mice injected with NP-CD163. Representative images showing Hematoxylin-Eosin staining and collagen content by sirius red of renal sections from mice 48h after saline or NP-CD163 injection, scale bar 50 µM (A). Semiquantitative assessment of total collagen content (B) and fibronectin (FN) expression, as determined by western-blot (C). Protein expression values were corrected by loading control (Tubulin). Mice (n=4) per group.



Supplemental Table 1. Serum biochemical characteristics of mice 48h post-(NP-CD163)-injection.

	Saline	NP-CD163	p value
BUN (mg/dL)	32.0±1.5	22.3±1.9	0.02
Creatinine (mg/dL)	0.05±0.03	0.13±0.74	0.37
AST (UI/L)	198.8±36.1	177.2±37.2	0.99
ALT (UI/L)	53.2±14.9	31.8±8.1	0.15
AP (UI/L)	72.0±5.2	62.5±4.4	0.19
Bilirrubin (mg/dL)	0.1±0.05	0.1±0.05	0.90

Blood urea nitrogen (BUN), aspartate transaminase (AST), alanine transaminase (ALT) and alkaline phosphatase (AP).