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.
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-blots (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.**

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

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