Figure S1

Representative 3-nitrotyrosine staining after 1 hour of reperfusion in the cortex of post-ischemic kidneys in male (A) and female (B) $SOD3^{-/-}$ mice and male (C) and female (D) WT mice

Figure S2

Representative 8-OHdG staining after 1 hour of reperfusion in the cortex of post-ischemic kidneys of male (A) and female (B) $SOD3^{-/-}$ mice and male (C) and female (D) WT mice.

Table S1

Infiltration of post-ischemic kidneys by macrophages and T-cells

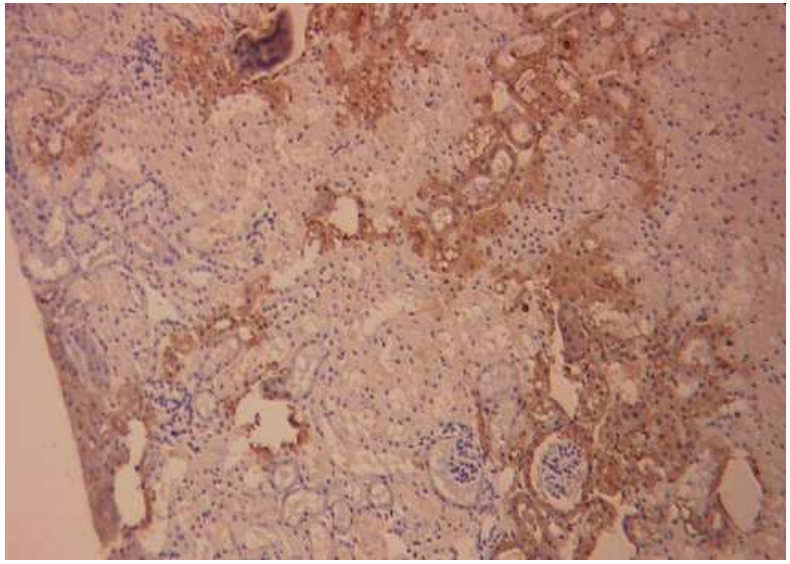
Infiltration of the cortex and medulla of post-ischemic kidneys after 24 hours of reperfusion with macrophages (F4/80+) and T-cells (CD3+) in male WT (n=6) and $SOD3^{-/-}$ (n=8) mice and female WT (n=6) and $SOD3^{-/-}$ (n=9) mice

Table S1

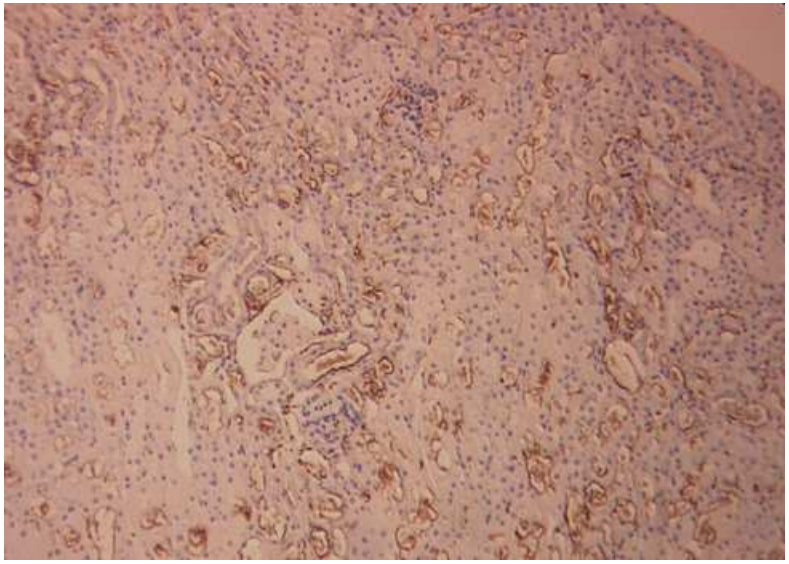
		Male WT	**Male SOD3$^{-/-}$**	**Female WT**	**Female SOD3$^{-/-}$**
Macrophages [F4/80+/40mm^2]	Cortex	54±6	46±7	37±5	38±7
	Medulla	11±3	9±2	9±1	10±2
T-Cells [CD3+/40mm^2]	Cortex	26±6	29±4	24±2	33±2
	Medulla	16±1	22±4	15±2	19±1

Figure S1

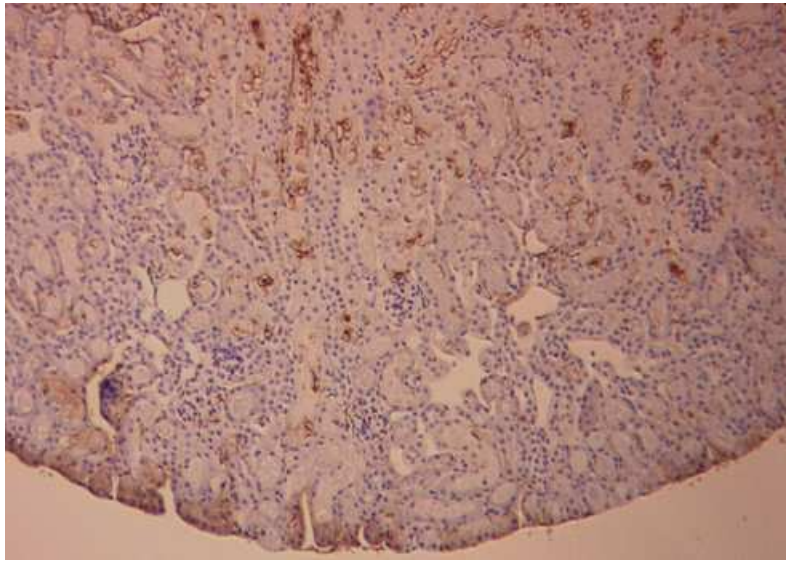
A **Male KO kidneys**



B **Female KO kidneys**



C **Male WT kidneys**



D **Female WT kidneys**

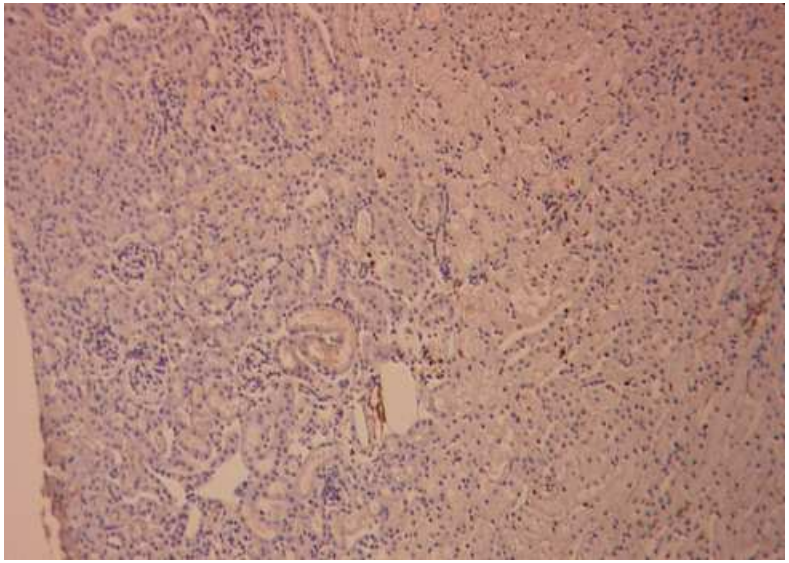
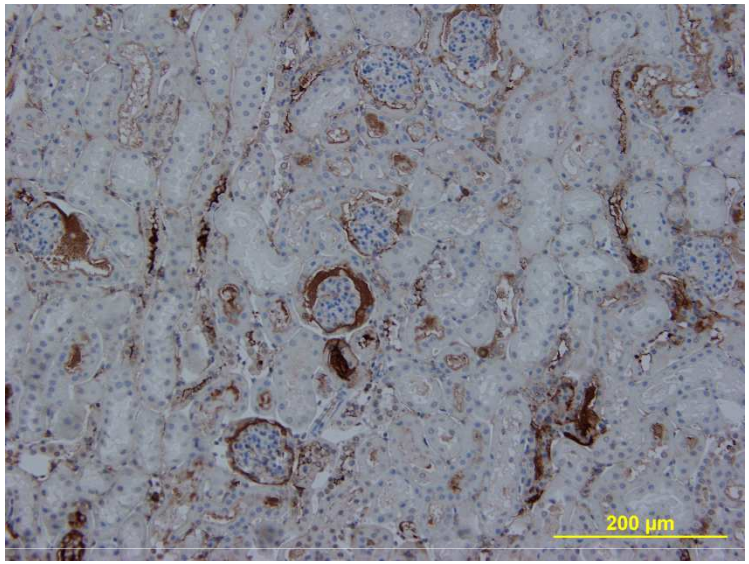
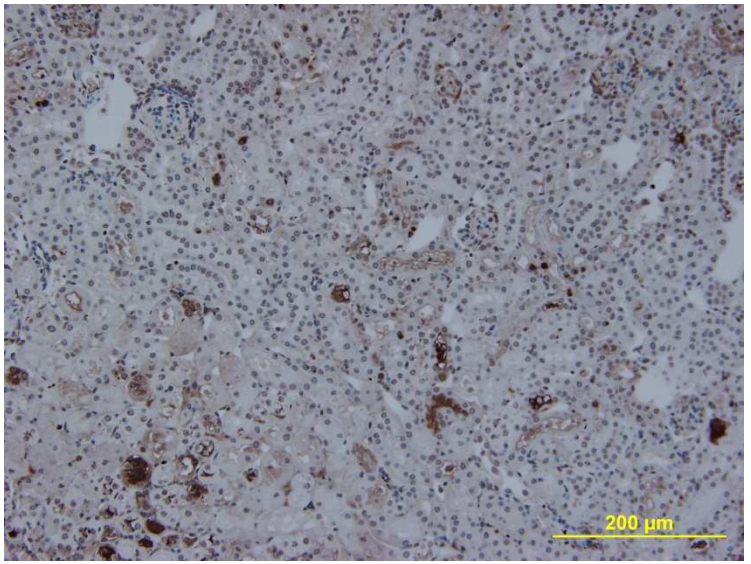


Figure S2

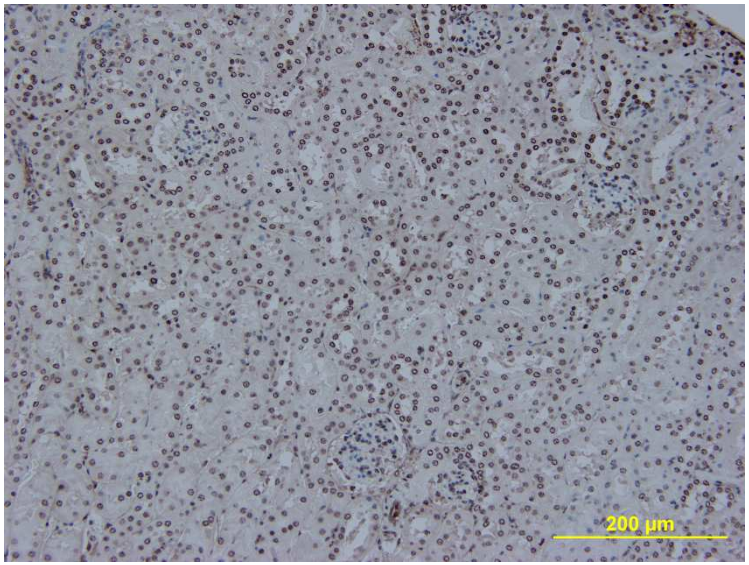
A **Male KO kidneys**



B **Female KO kidneys**



C **Male WT kidneys**



D **Female WT kidneys**