



Figure S1. Phagocytosis and bactericidal activity of CD11b⁺ F4/80^{low} infiltrated monocytes/macrophages in vehicle- and pioglitazone-treated mice after burns. (**A,B**) Isolated hepatic immune cells were incubated with fluorescein-conjugated microspheres or *Escherichia coli* for 30 min and stained with anti-CD45, anti-CD11b, and F4/80 antibodies, followed by the analysis of phagocytic activity in F4/80^{low} cells via flow cytometry. (**A**) Representative flow cytometry histogram showing uptake of FITC-microspheres by F4/80^{low} cells. Percentage of F4/80^{low} cells which has internalized \geq three microspheres was determined. (**B**) Representative histograms showing phagocytosis of FITC-conjugated *E. coli* by F4/80^{low} cells and percentage of FITC-conjugated *E. coli*. (**C**) Representative flow cytometry histogram showing a shift in fluorescence intensity of pHrodo *E. coli* bioparticles in F4/80^{low} cells. Percentage of *E. coli* particle-positive F4/80^{low} cells in vehicle and pioglitazone-treated mice 20 min after administration of pHrodo *E. coli*. n = 6 per group; Data are represented as the mean \pm deviation (SD).