Supplemental figures for:

High-Relaxivity Superparamagnetic Iron Oxide Nanoworms with Decreased Immune Recognition and Long-Circulating Properties

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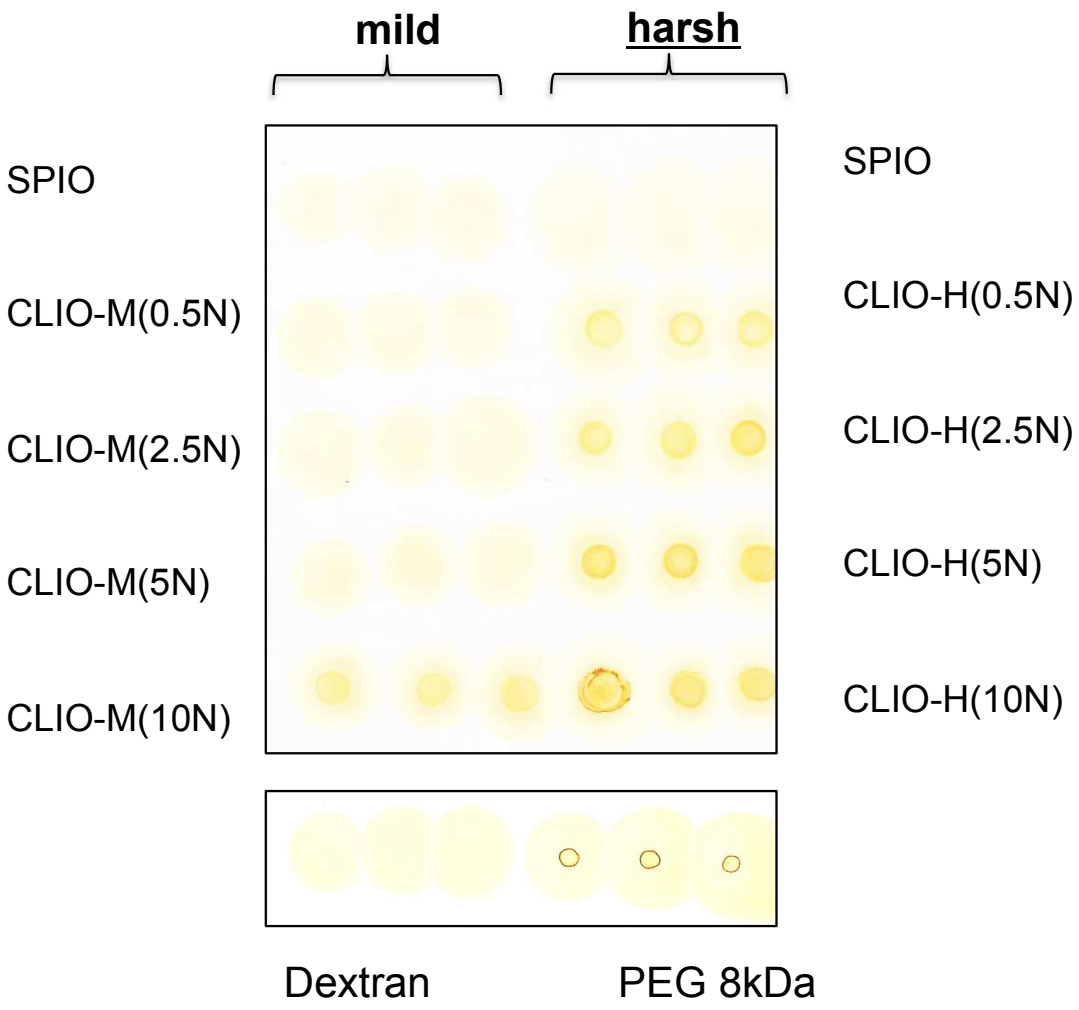
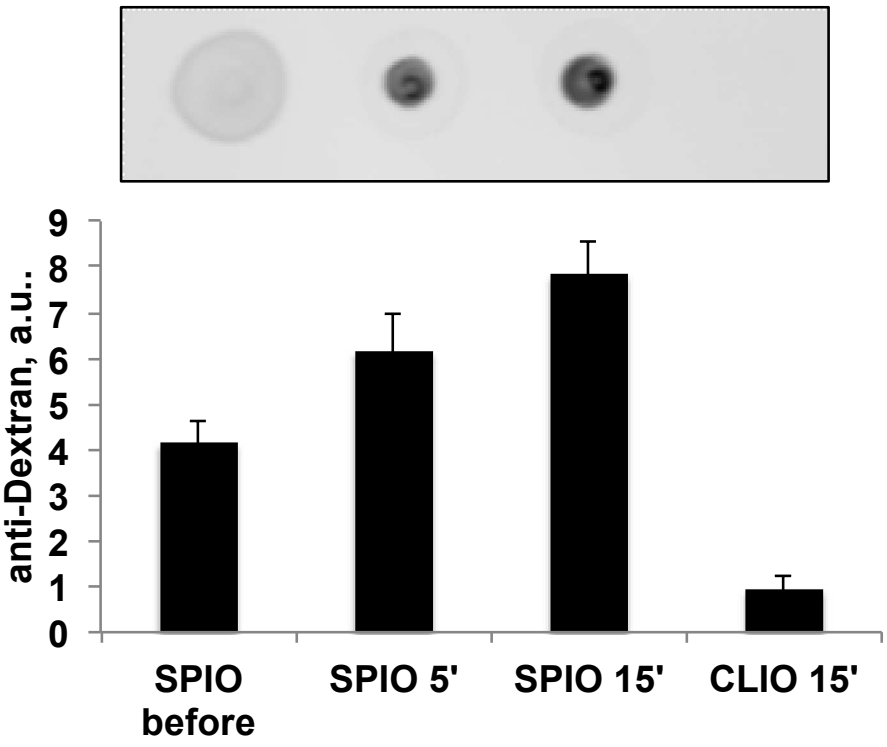
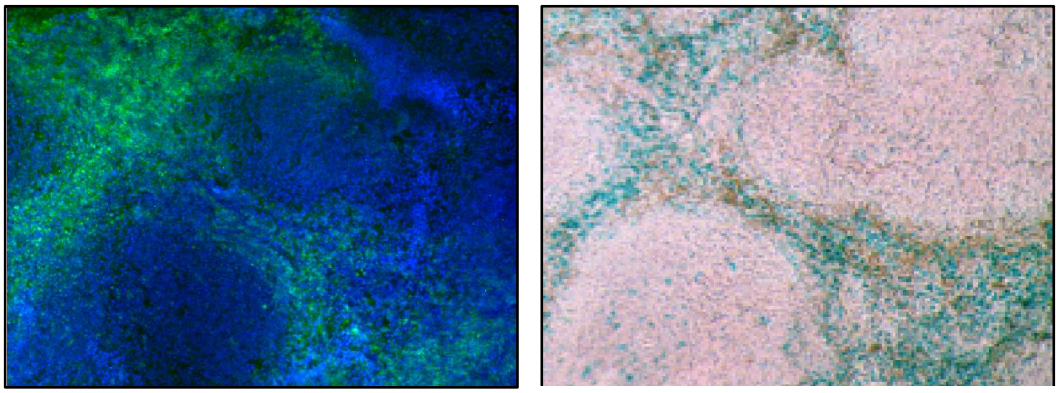


Supplemental Fig. S1. Iodine assay (original scanned image) corresponds to Fig. 3B



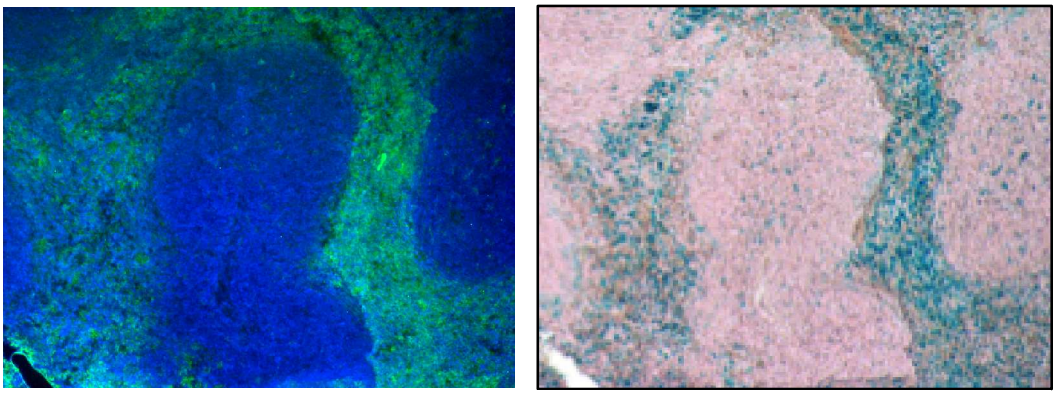
Supplemental Fig. S2. Nanoworms were incubated in mouse serum and washed. There was no decrease in the binding of anti-dextran antibody to the nanoworms in dot blot assay, suggesting no desorption of dextran chains. CLIO-H(5M) was used as a negative control.

CLIO-M(5H)



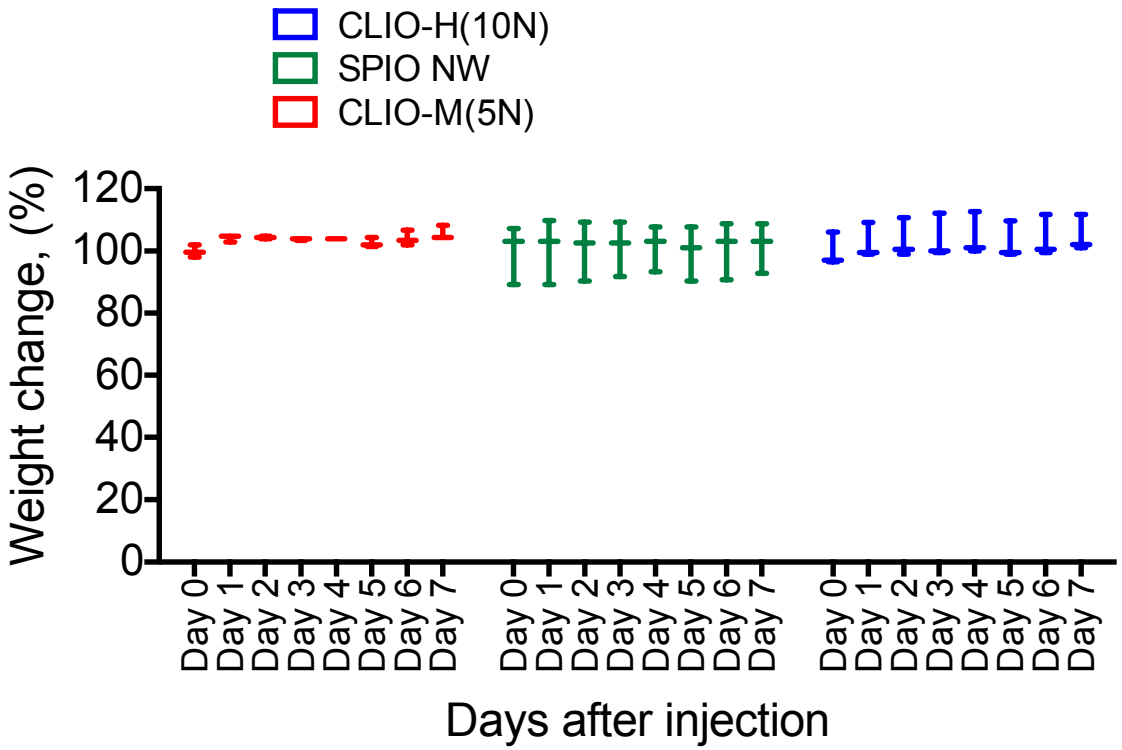
F4/80 (macrophages) Prussian blue (Fe)

CLIO-H(10H)

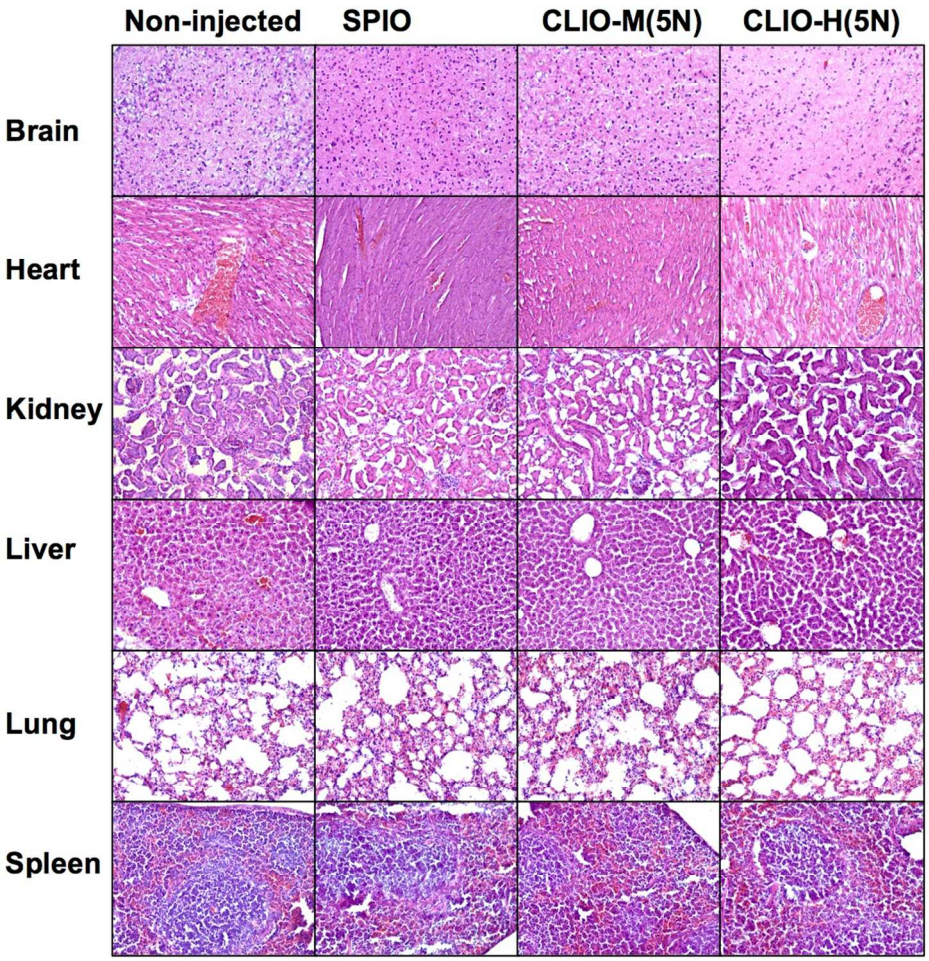


F4/80 (macrophages) Prussian blue (Fe)

Supplemental Fig. S3. Nanoworms mostly localize in the marginal zone macrophages in the spleen. The slide was stained for F4/80/DAPI, images were taken and then the same slide was restained with Prussian blue/Nuclear fast red.



Supplemental Fig. S4. Weight of BALB/c male mice following injection of nanoworms did not decrease.



Supplemental Fig. S5. Hematoxylin-eosin staining of organs 7 days post-injection of nanoparticles. No obvious signs of pathology (necrosis, inflammation, clotting) were observed.