Cellular distribution of injected PLGA-nanoparticles in the liver

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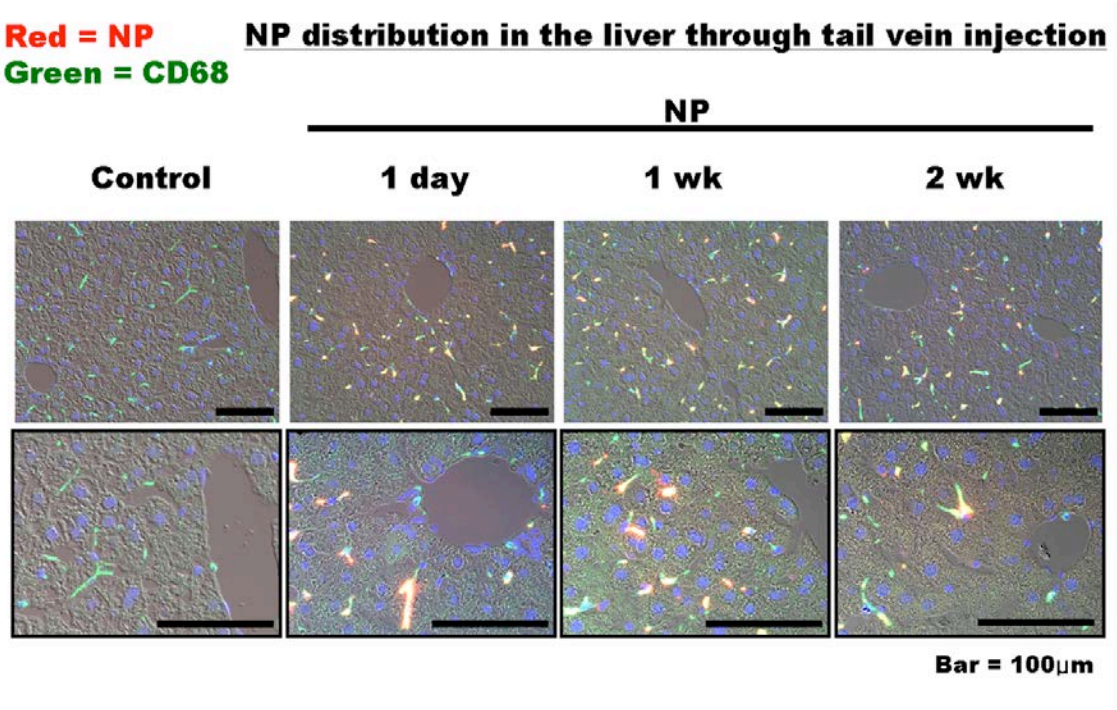
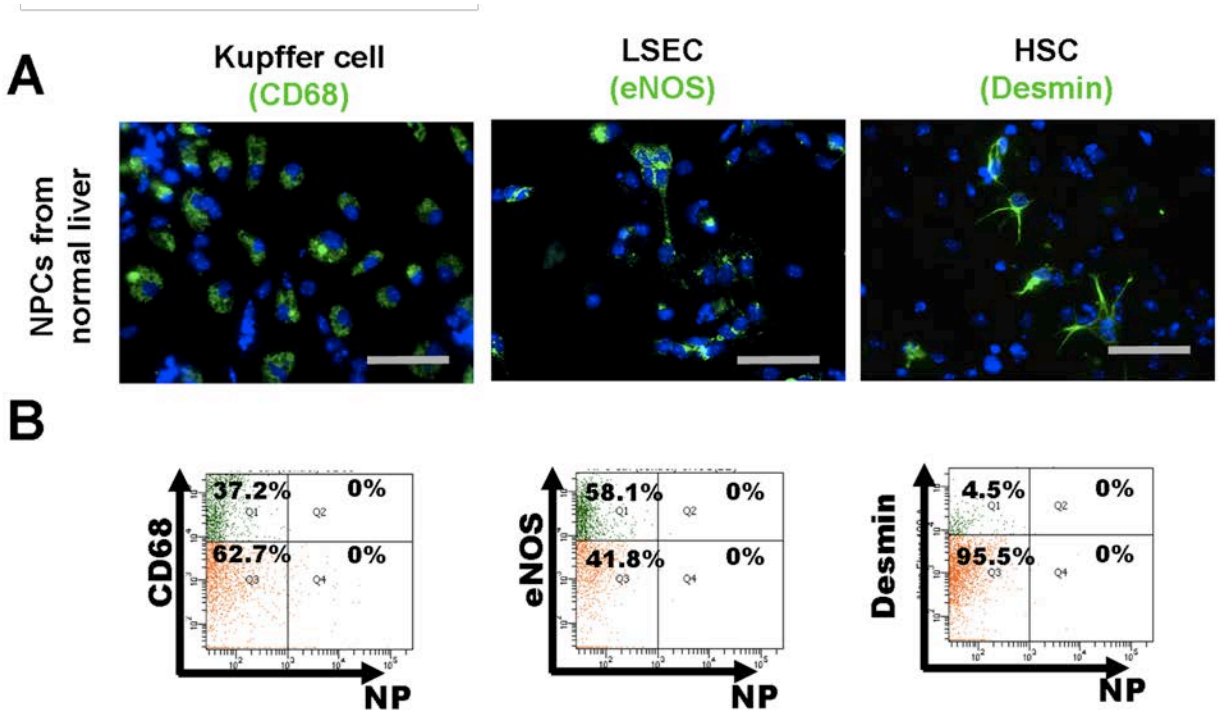
Supplemental Figures

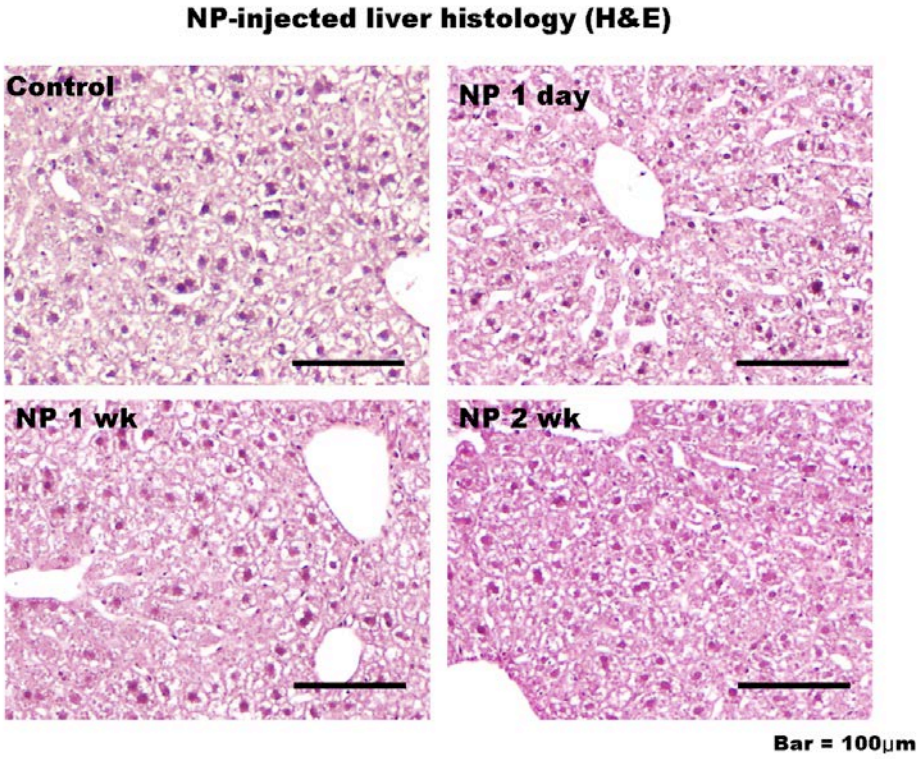


Supplemental Figure 1. Nanoparticle distribution in the liver after a single tail vein injection.

Immunofluorescence of NPs (red) and CD68+ Kupffer cells (green) in the livers isolated 0, 1 day, 1 and 2 weeks after NP injection. Scale bar; 100μm.



Supplemental Figure 2. Composition of non-parenchymal cells isolated from normal liver. (**A**) Immunofluorescent images of non-parenchymal cells isolated from normal liver. CD68 for Kupffer cells, eNOS for LSECs and desmin for HSCs. Scale bar; 50μm. (**B**) Flow cytometry analysis showed 37.2% of CD68-positive cells, 58.1% of eNOS-positive cells, 4.5% of desmin-positive cells and 0% of NP-positive cells, suggesting that normal cells do not show any fluorescent signal, which is the same as DiD dye.



Supplemental Figure 3. Nanoparticle injection does not cause infiltration of inflammatory cells.

H&E staining of livers isolated 0, 1day, 1 and 2 weeks after NP injection. Scale bar; 100μm.