

Figure S1. Photograph of prepared Dox NPs, Suc NPs, and Co-NPs.

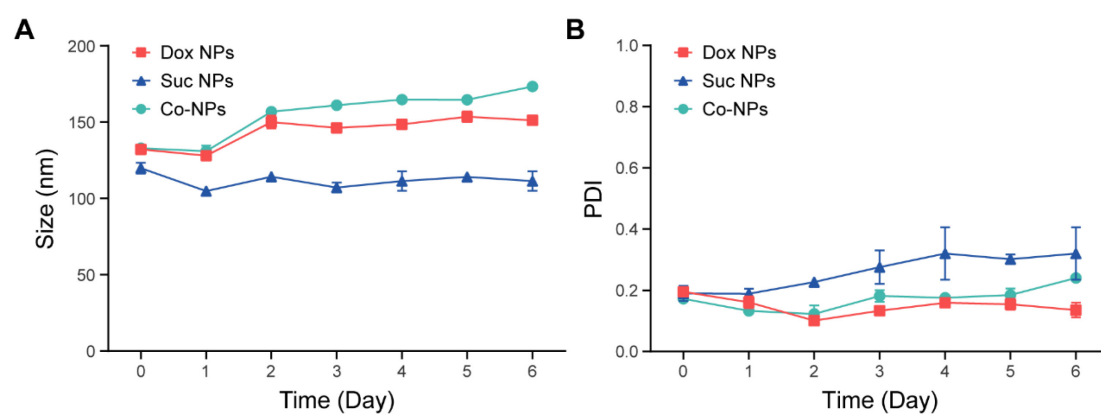


Figure S2. Storage stability of nanoparticles. **A.** Size of three kinds of NPs in PBS (pH 7.4) at 4 °C in 7 days. **B.** PDI of three kinds of NPs in PBS (pH 7.4) at 4 °C in 7 days.

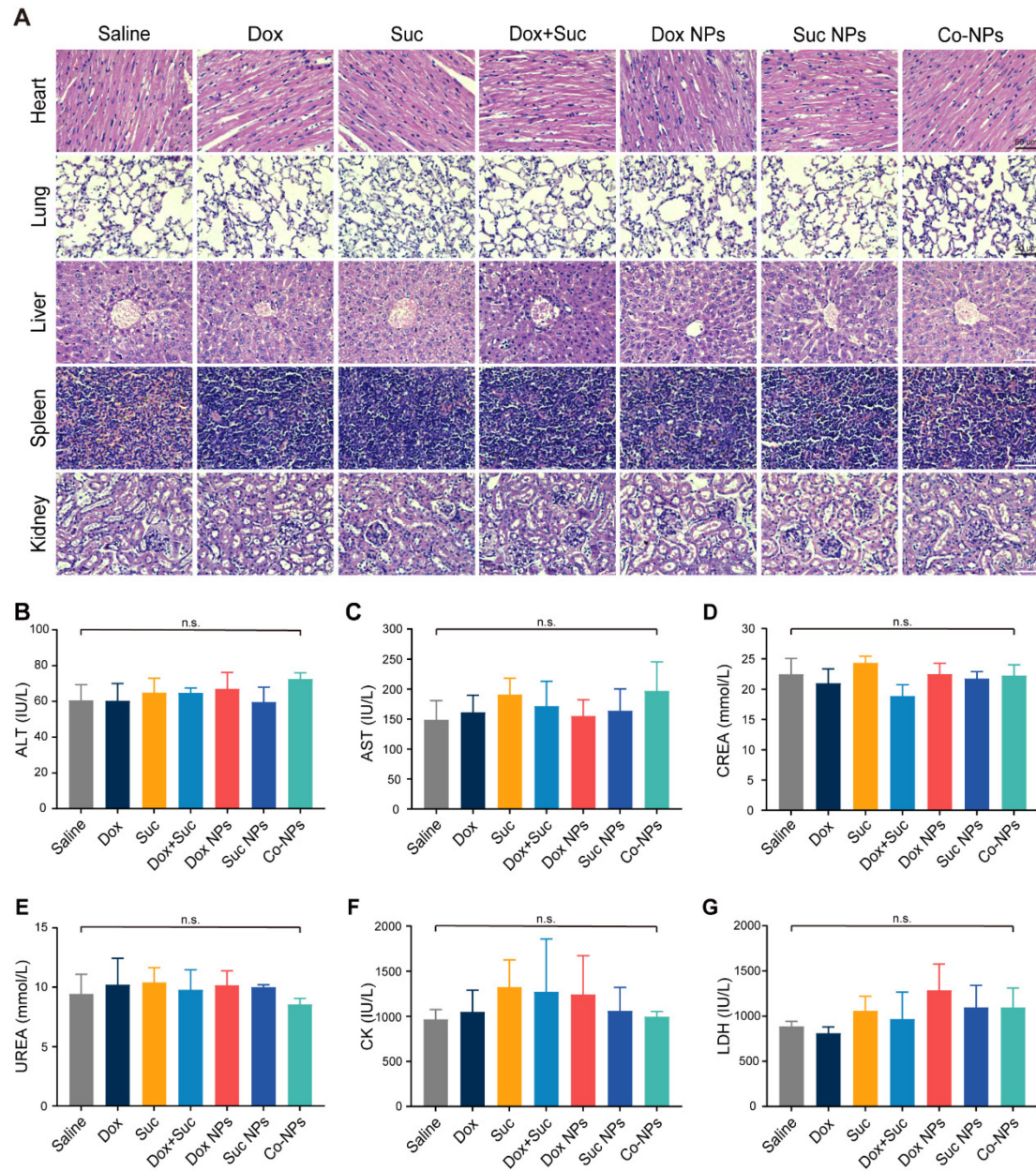


Figure S3. *In vivo* safety of nanoparticles. **A.** H&E staining of the harvested heart, lung, liver, spleen and kidney after different treatments. Scale bar = 50 μ m. **B-G.** Hematological analysis of ALT (**B**), AST (**C**), CREA (**D**), UREA (**E**), CK (**F**) and LDH (**G**) in C57BL/6 mice after different treatments. Each value represents the mean \pm SD (n = 3). (n.s., not significant)