Supporting Information

High-density lipoprotein biomimetic inorganic organic composite nanosystem for atherosclerosis therapy

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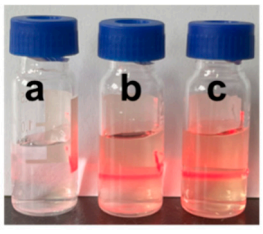
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a. PBS
b. PEG-Ce/Mn
c. Apo-Ce/Mn

Figure S1. The Tyndall effect of PEG-Ce/Mn and Apo-Ce/Mn.

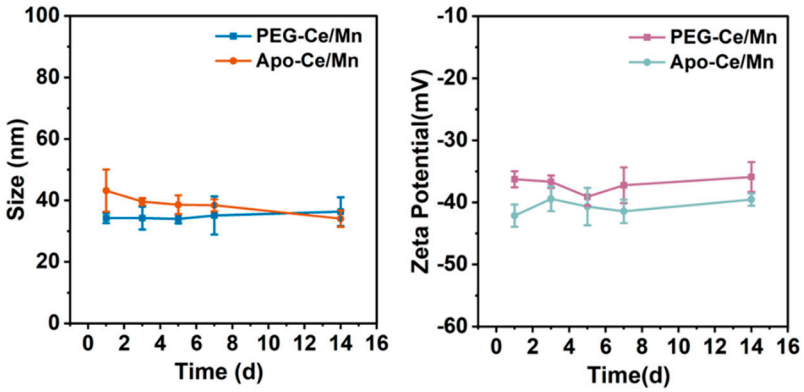


Figure S2. Long-term particle size and potential. (A)Average particle size of PEG-Ce/Mn and Apo-Ce/Mn at 1, 3, 5, 7, and 14 d. (B) Average zeta potential of PEG-Ce/Mn and Apo-Ce/Mn at 1, 3, 5, 7, and 14 d. n=3.

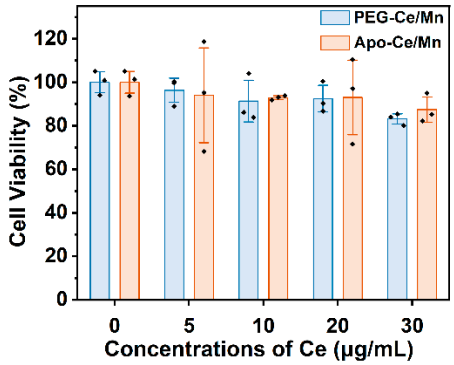


Figure S3. *In vitro* cell viability of RAW264.7 cells after 48 h of exposure to PEG-Ce/Mn and Apo-Ce/Mn at different concentrations. n=3.

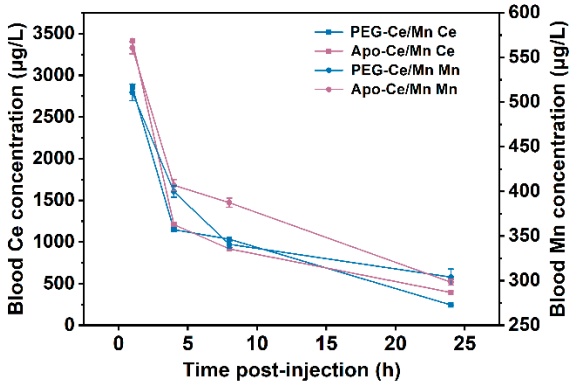


Figure S4. Concentrations of Ce and Mn in the blood of ApoE-/- mice at different time points after intravenous injection of PEG-Ce/Mn and Apo-Ce/Mn. n=3.

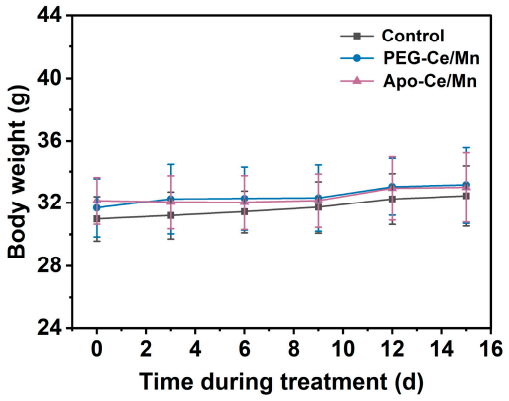


Figure S5. Body weight of ApoE-/- mice during treatment. n=6.

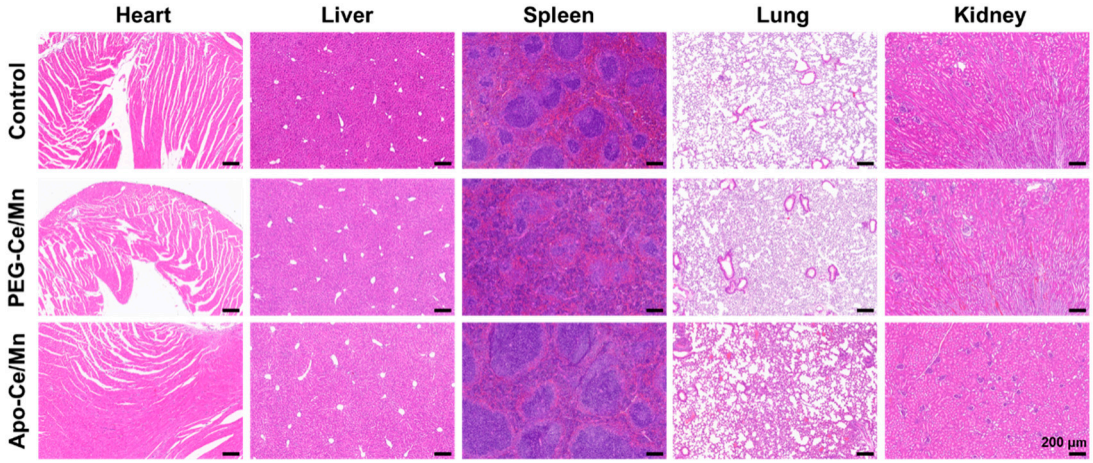


Figure S6. HE staining of major organs.