

Supplementary files

Enzyme-responsive hydrogel coating for *in situ* re-endothelialization of bioprosthetic heart valves

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Results

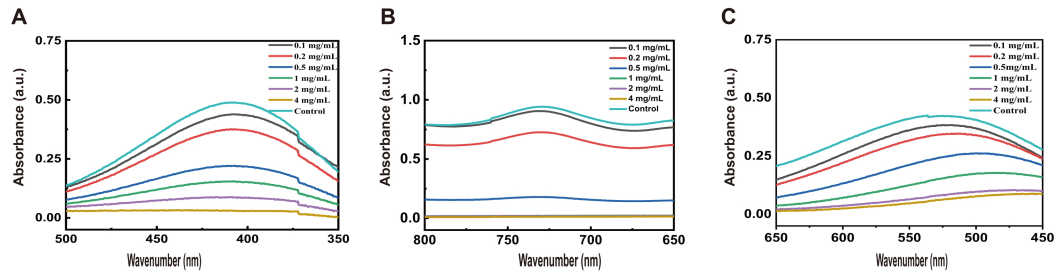


Figure S1 UV-Vis spectroscopy of (A) H₂O₂ hydrogen peroxide (B) ABTS⁺ and (C) ·OH treated with different concentrations of CeO₂ NPs.

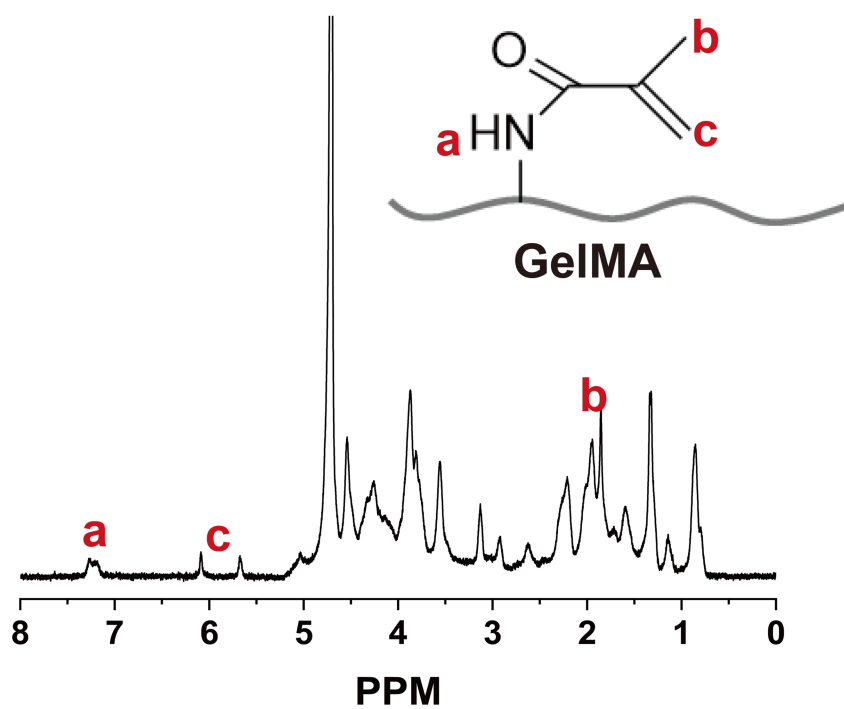


Figure S2 ¹H NMR spectrum of GelMA.

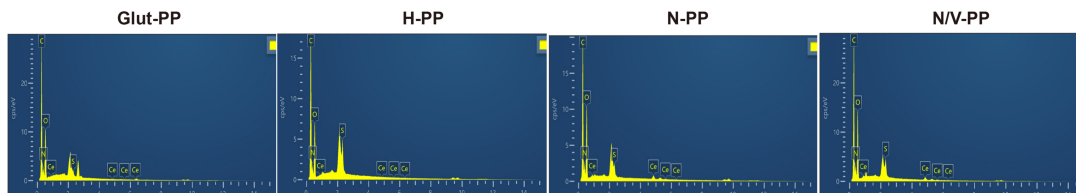


Figure S3 EDS spectrum of DPPs.

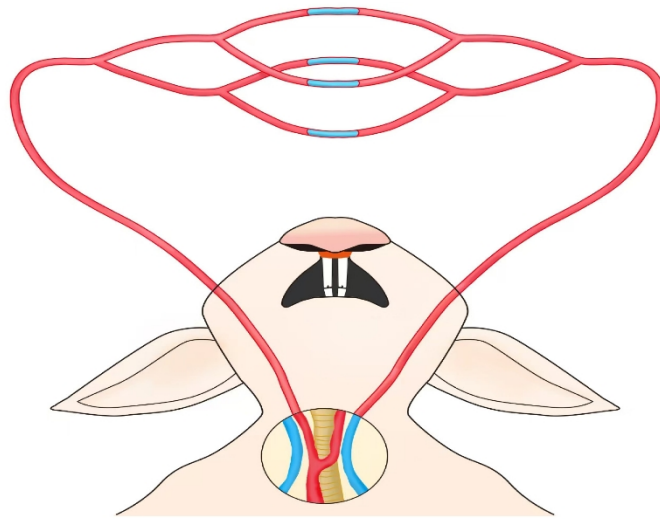


Figure S4 Schematic diagram of rabbit *in vitro* A-V shunt experiment.

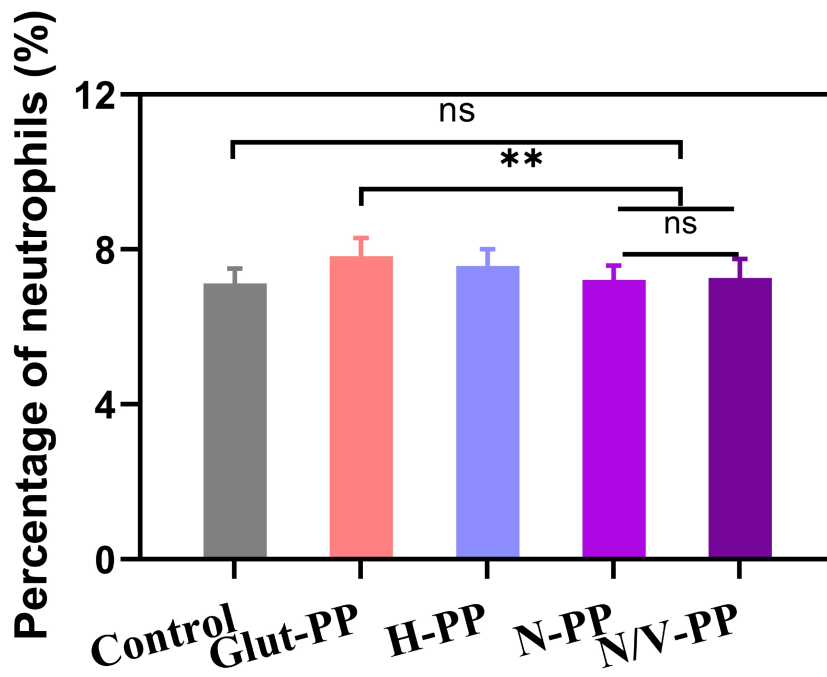


Figure S5 Percentage of neutrophils.

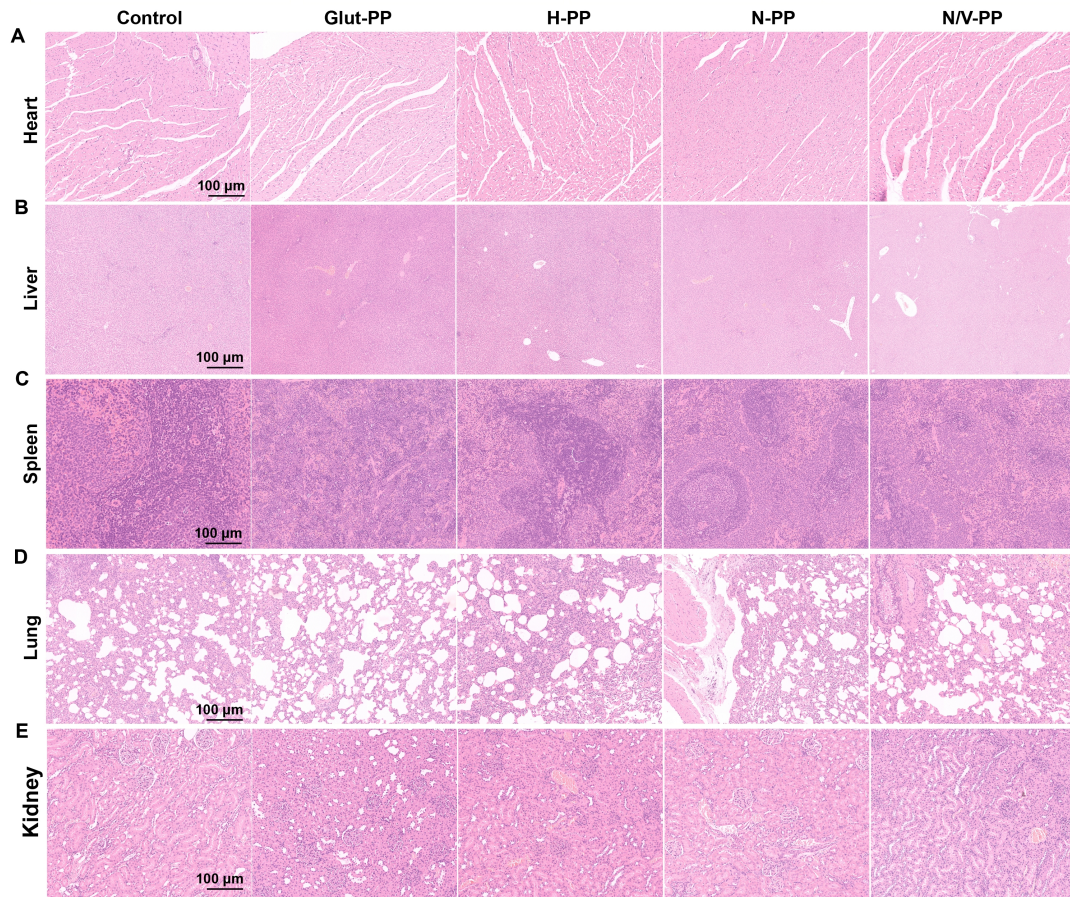


Figure S6 Histological analysis of (A) heart, (B) liver, (C) spleen, (D) lungs and (E) kidneys by H&E staining.