

Supporting Information for

The Fabrication of Photothermal Silver Nanoparticles for Accelerating MRSA-Infected Wound Healing

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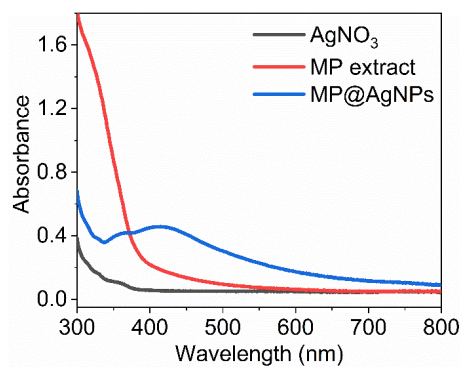


Figure S1 UV-vis spectra of the MP and MP@AgNPs

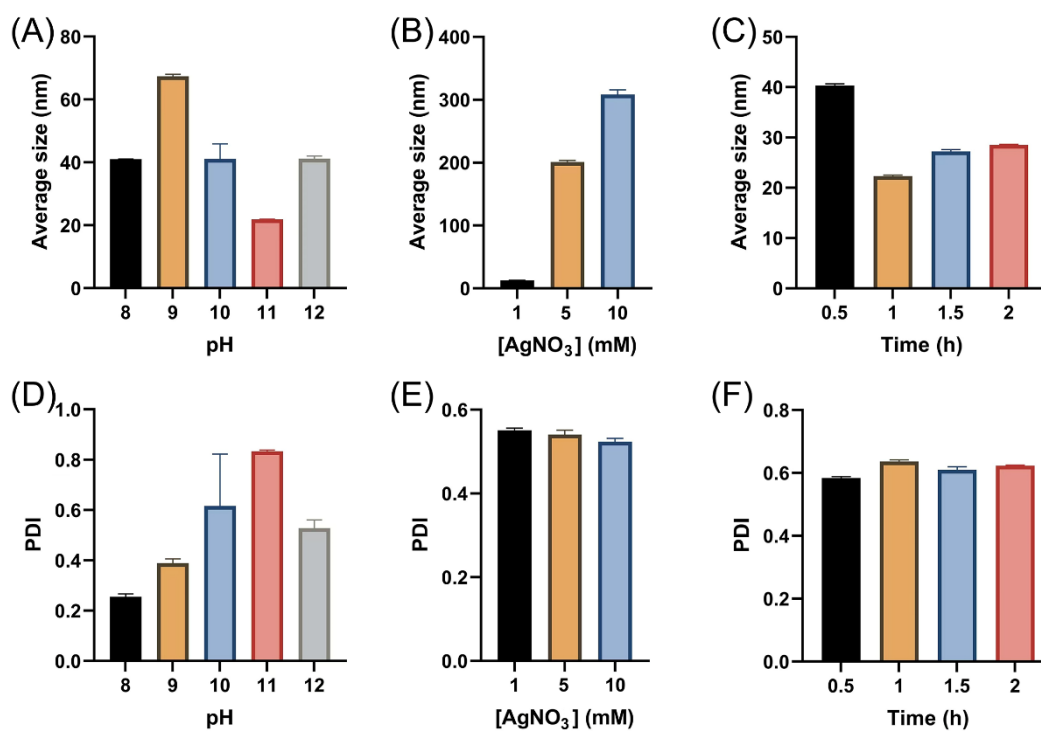


Figure S2 Average size of MP@AgNPs biosynthesized at different (A) pH levels; (B) AgNO₃ concentration and (C) incubation times. PDI of MP@AgNPs biosynthesized at different (D) pH levels; (E) AgNO₃ concentration and (F) incubation times

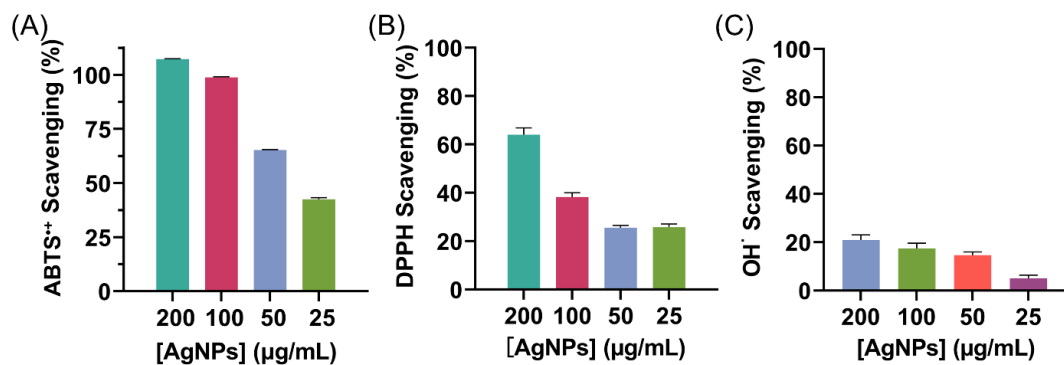


Figure S3 Free radical scavenging rate of MP@AgNPs against (A) ABTS^{•+}; (B) DPPH radical and (C) •OH

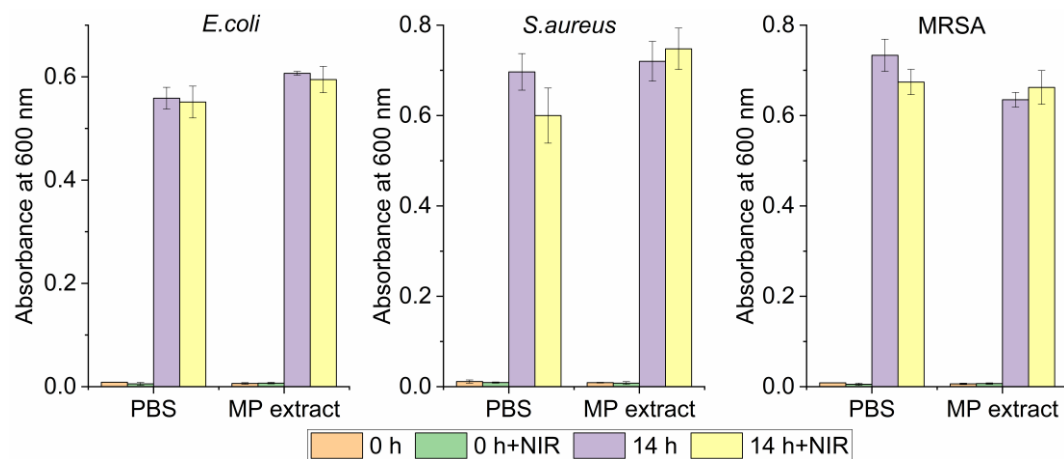


Figure S4 The absorbance of bacteria at 600 nm after treating with PBS and MP extract

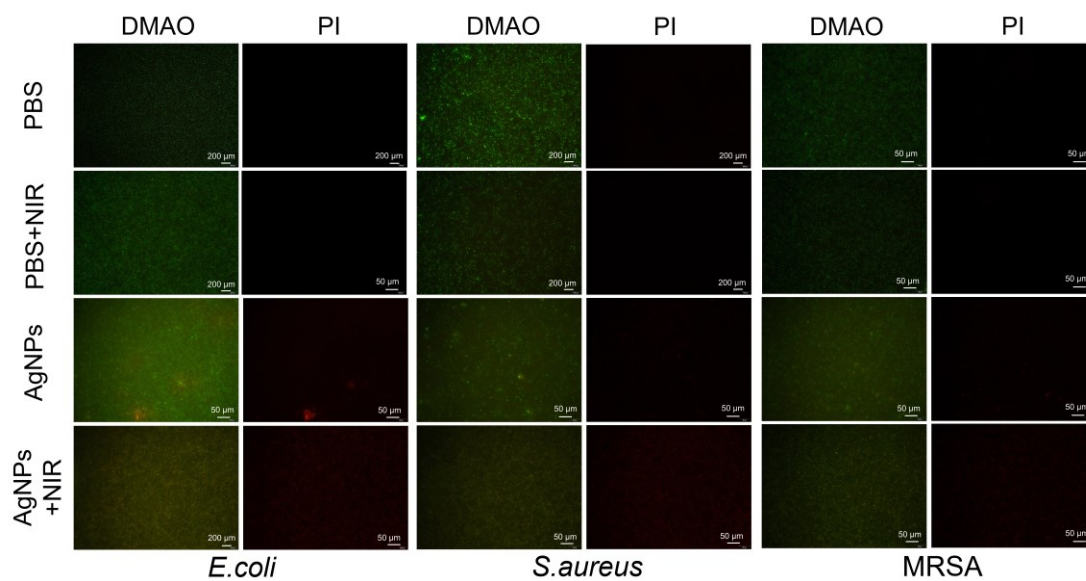


Figure S5 Live/dead staining of bacteria by DMAO and PI

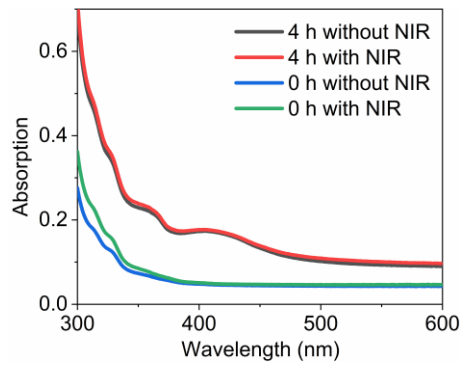


Figure S6 UV-vis spectrum of eluate of integrated hydrogel in PBS

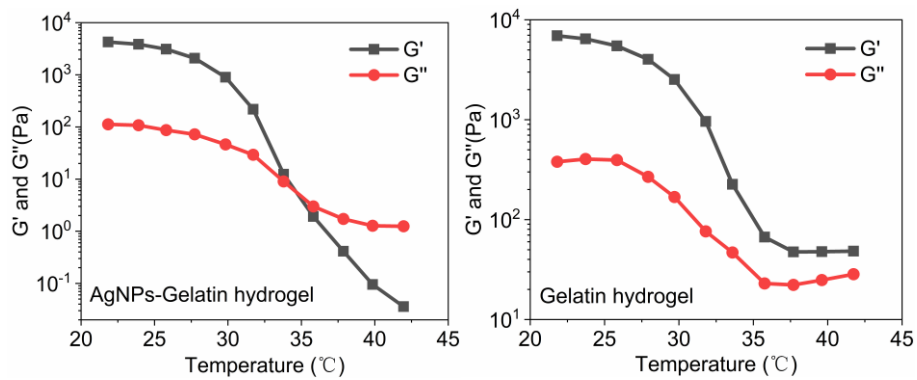


Figure S7 Temperature-dependent rheological analysis

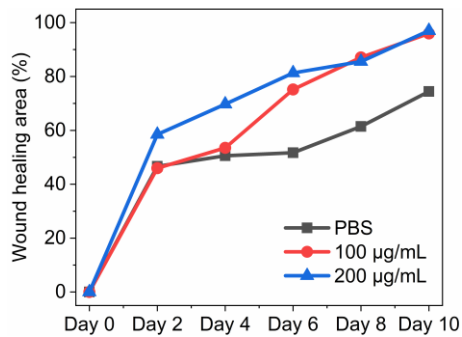


Figure S8 The count of wound healing area