

Antioxidant, hemostatic and injectable hydrogels with photothermal antibacterial activity to accelerate full-thickness wound regeneration

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KEYWORD: Injectable hydrogel, wound healing, polydopamine, antibacterial, antioxidant, photothermal therapy

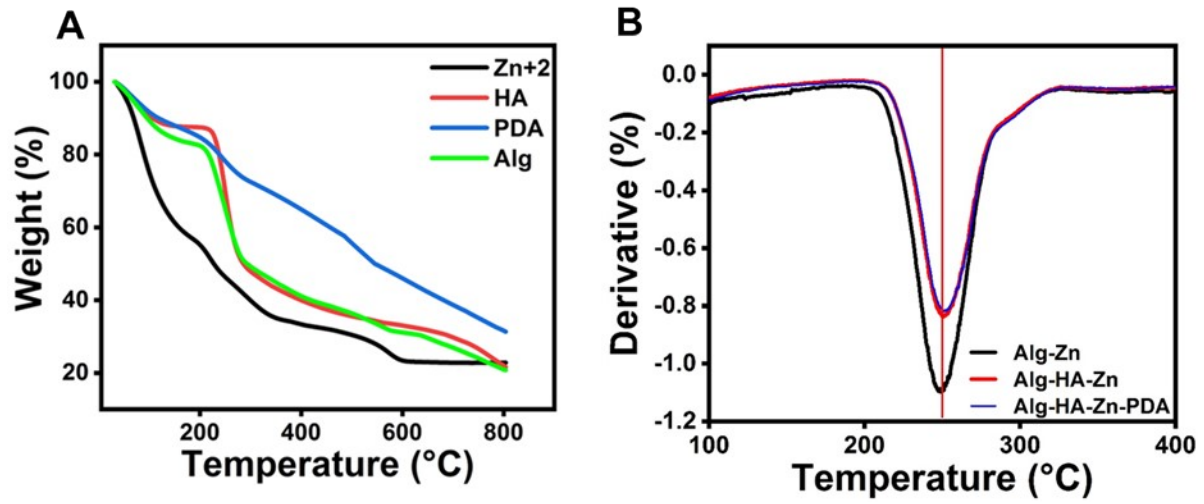


Figure S1. A) TGA analysis of Alg, HA, Zn, PDA, Alg-Zn, Alg-HA-Zn, and Alg-HA-Zn-PDA. B) Differential thermal analysis of Alg-Zn, Alg-HA-Zn, and Alg-HA-Zn-PDA.

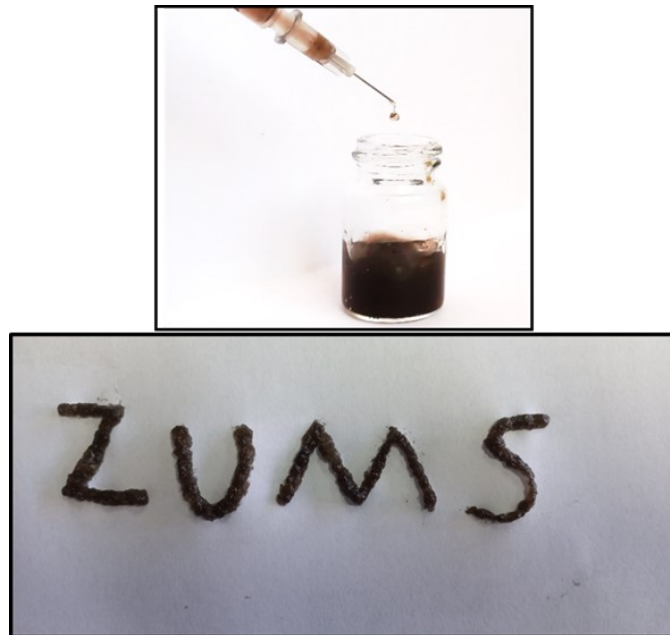


Figure S2. Injectability of Alg-HA-Zn-PDA hydrogel

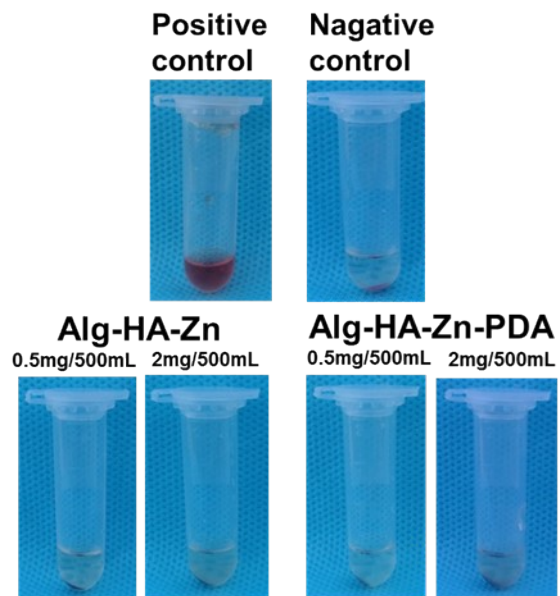


Figure S3. Hemolysis photographs of H₂O, PBS, Alg-HA-Zn, and Alg-HA-Zn-PDA

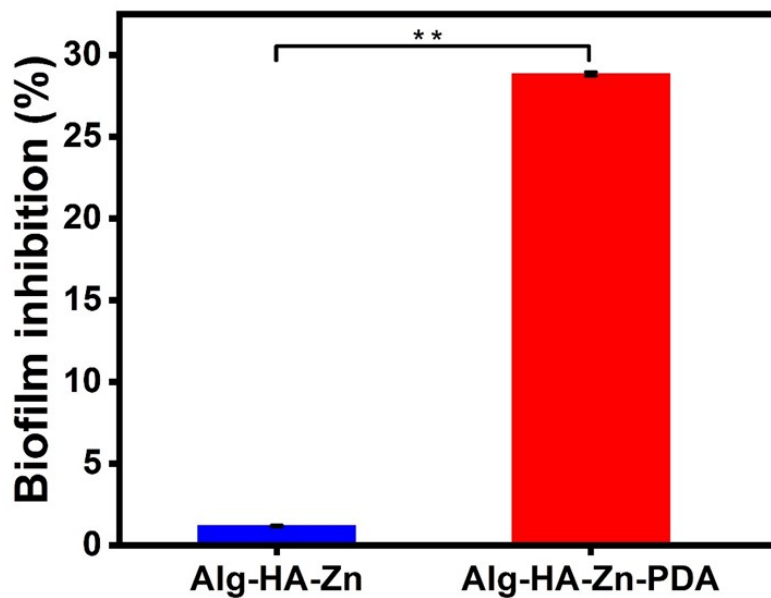


Figure S4. Biofilm inhibition (%) of Alg-HA-Zn and Alg-HA-Zn-PDA hydrogels with and without NIR irradiation (808 nm, 1.5 w/cm²).