Electronic Supplementary Material

Preparation and characterization of cuttlefish ink-loaded detachable silk microneedles with robust reactive oxygen species-scavenging and photothermal performance

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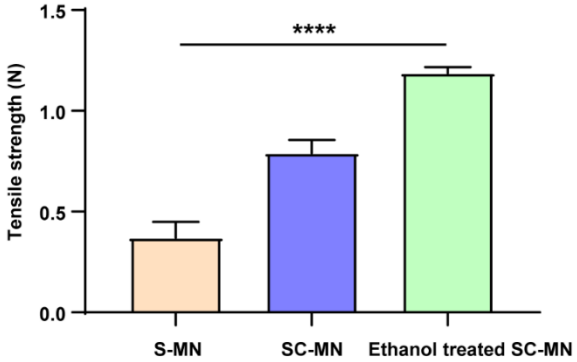

Fig. S1 Quantification of SC-MNs adhesive force after inserting into the porcine skin.

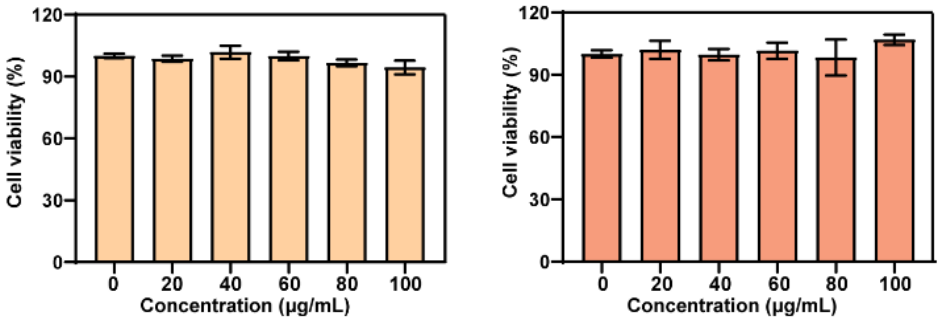

Fig. S2 Cell viability of **(a)** L929 and **(b)** TPC-1 after co-culturing with 0, 20, 40, 60, 80, and 100 μg·mL^{-1} of CNPs and SC-MNs for 24 h (n = 3).

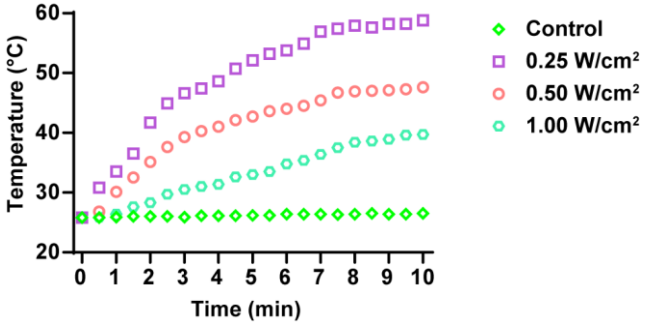

Fig. S3 Photothermal temperature–time curves for SC-MNs at different power densities irradiated with the 808 nm laser.