

Figure S1. Effect of SC hydrogels with different mass ratios (Cu²⁺:SA) on L929 proliferation

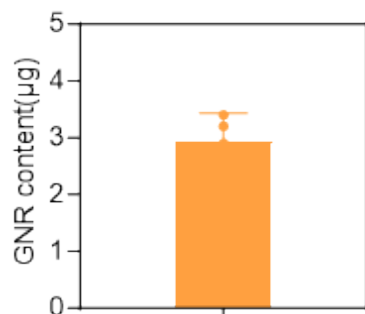


Figure S2. GNR content in FG MN

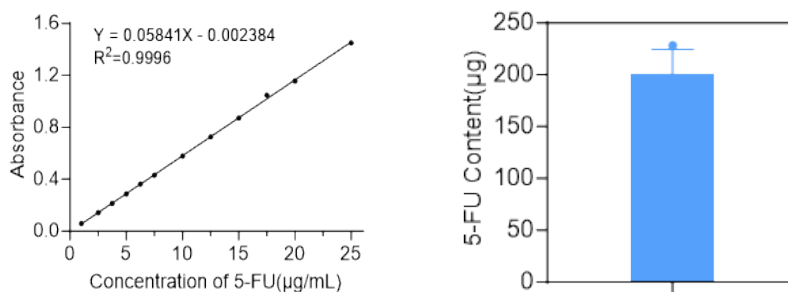


Figure S3. Standard curve of 5-FU and 5-FU content in FG MN

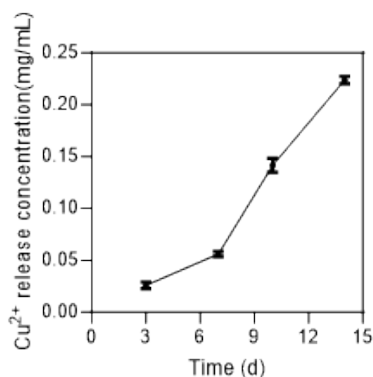


Figure S4. Release of Cu²⁺ in FG MN on days 3, 7, 10 and 14.

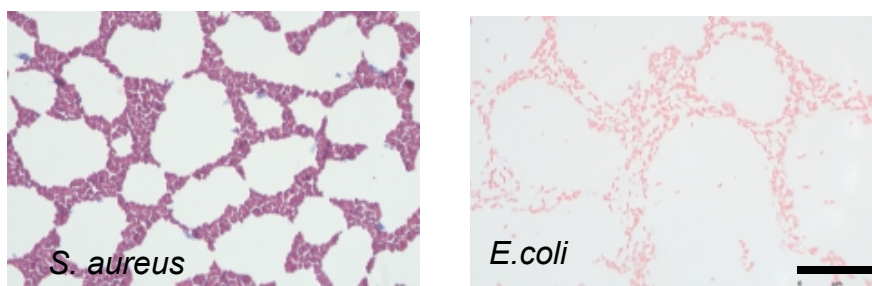


Figure S5. Gram stain of the Gram-positive bacterium *S. aureus* and the Gram-negative bacterium *E. coli* (scale bar = 25 μ m)

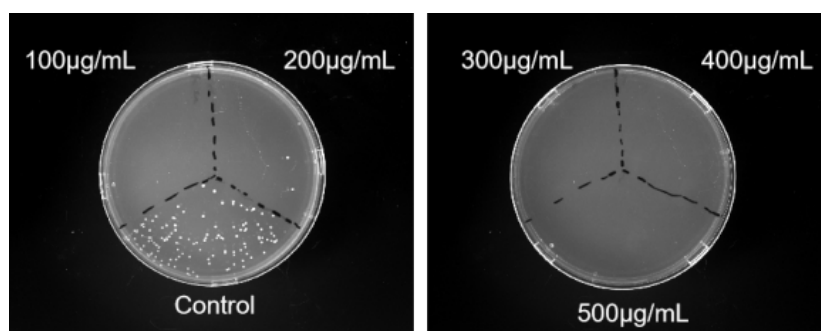


Figure S6. The killing effect of different concentrations of 5-FU on *S. aureus*