

Supplementary Materials

One-Step Construction of Tryptophan-Derived Small Molecule Hydrogels for Antibacterial Materials

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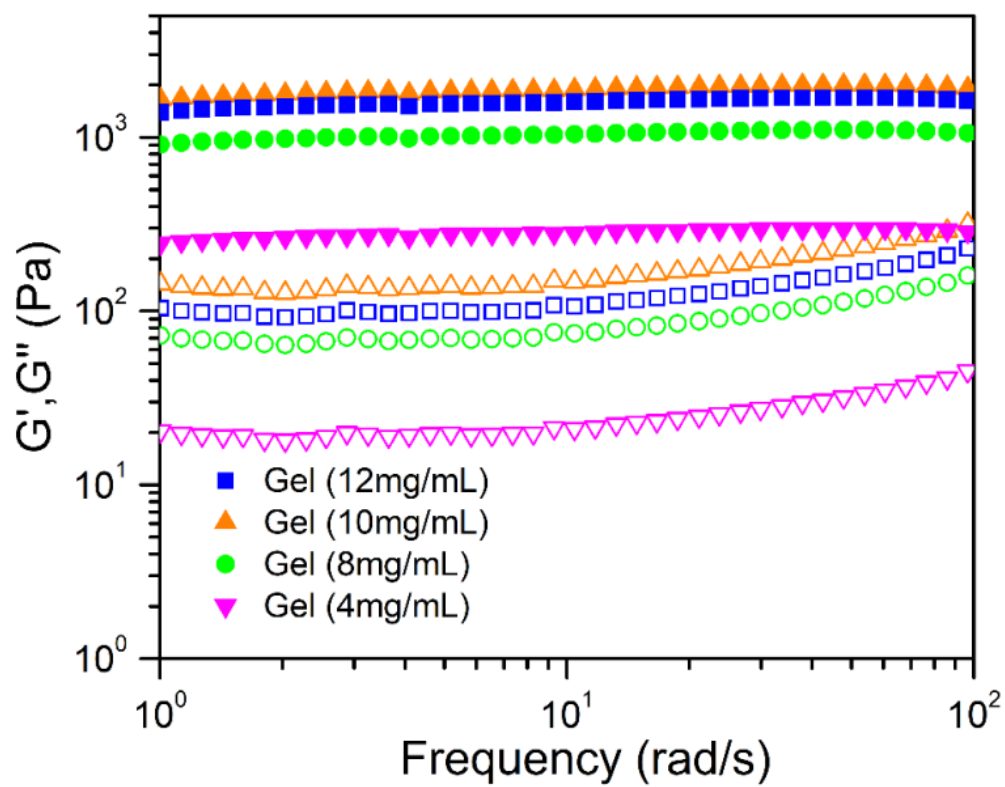


Figure S1. Frequency sweep of the ZW/GDL hydrogels with different concentrations.

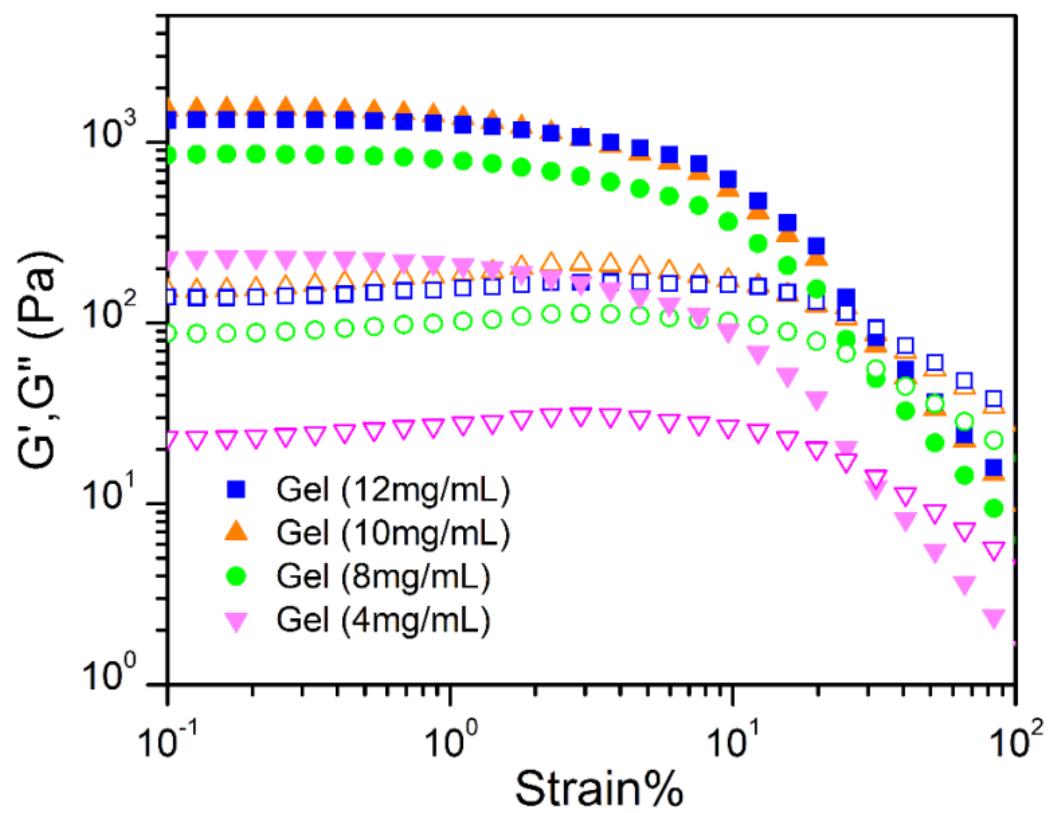


Figure S2. Dynamic oscillatory stress sweep of the ZW/GDL hydrogels with different concentrations.

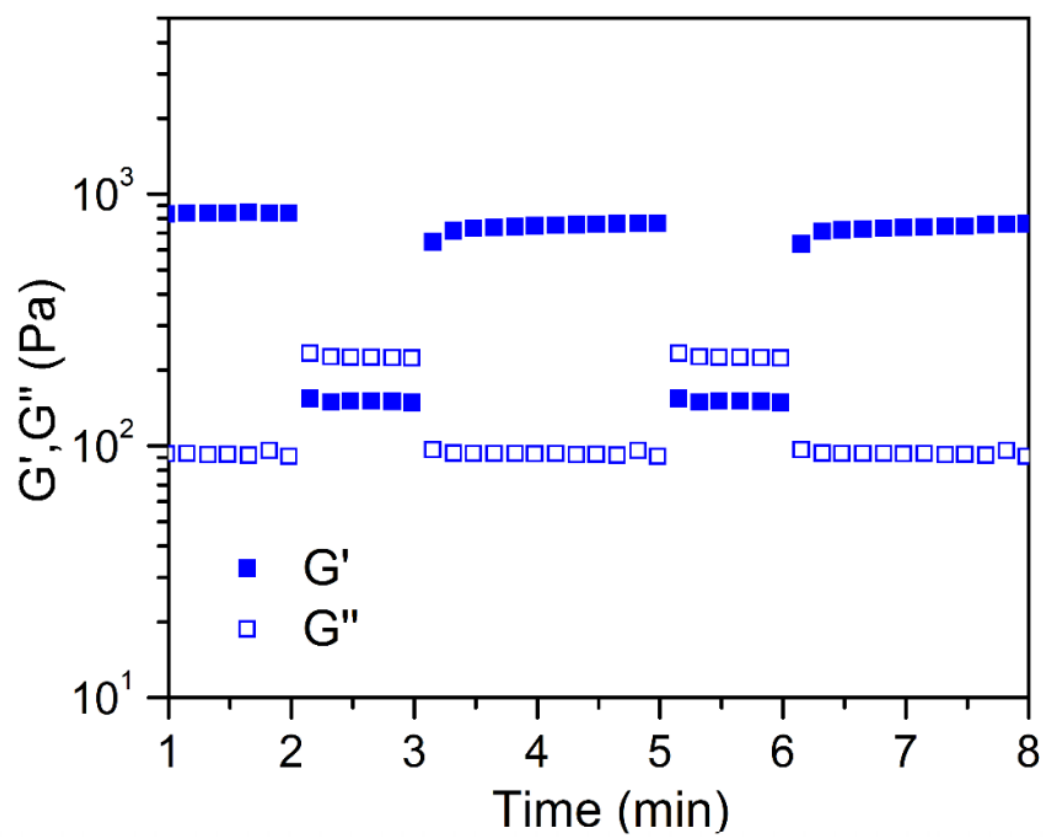


Figure S3. Alternate Step-strain sweep measurements of the ZW/GDL hydrogels at 6 mg/mL.

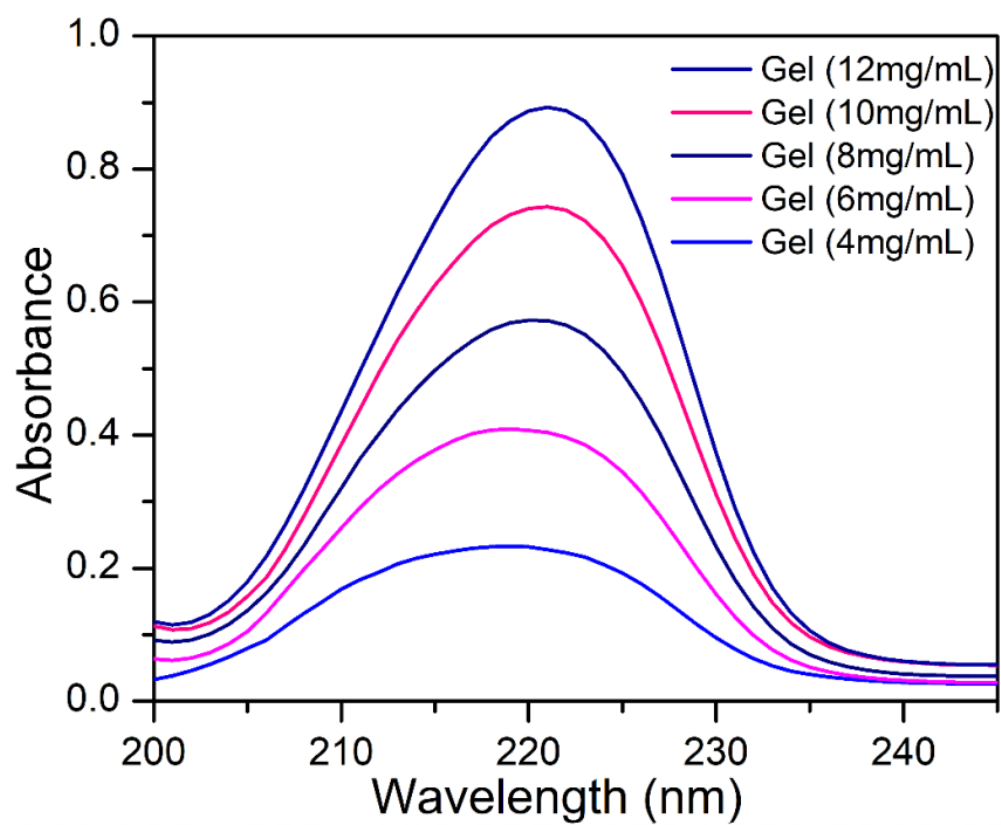


Figure S4. UV-Vis spectra of the ZW/GDL hydrogels with different concentrations.

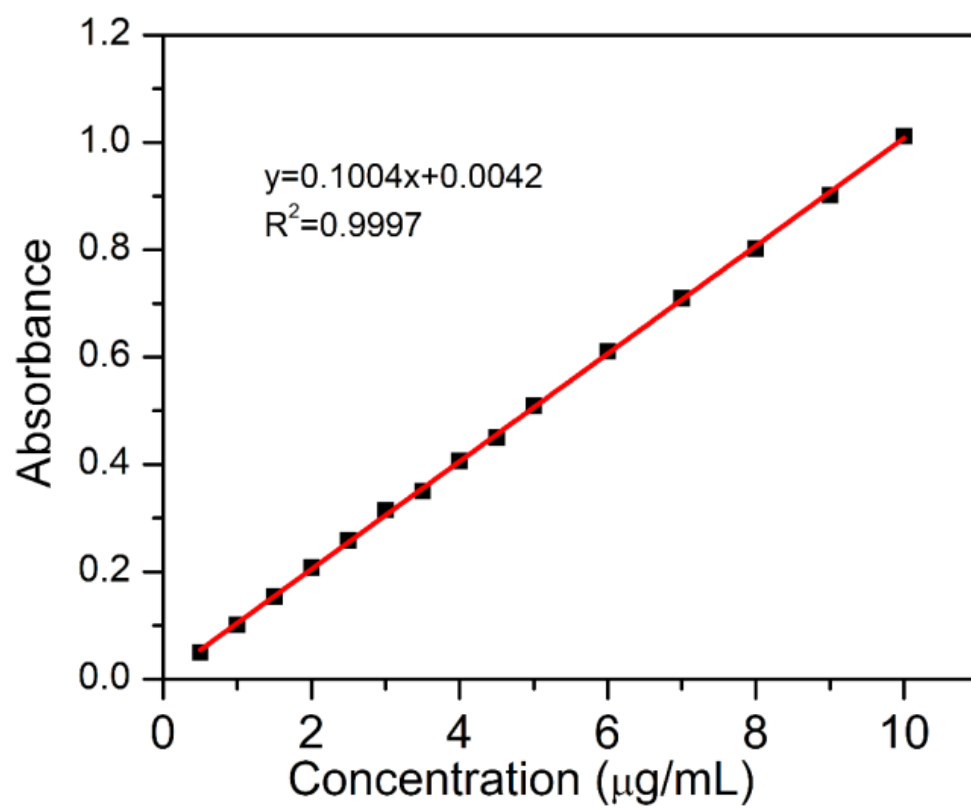


Figure S5. The standard curve of ZW/GDL hydrogel incubated with PBS solution (pH 7.4) at 37 °C.

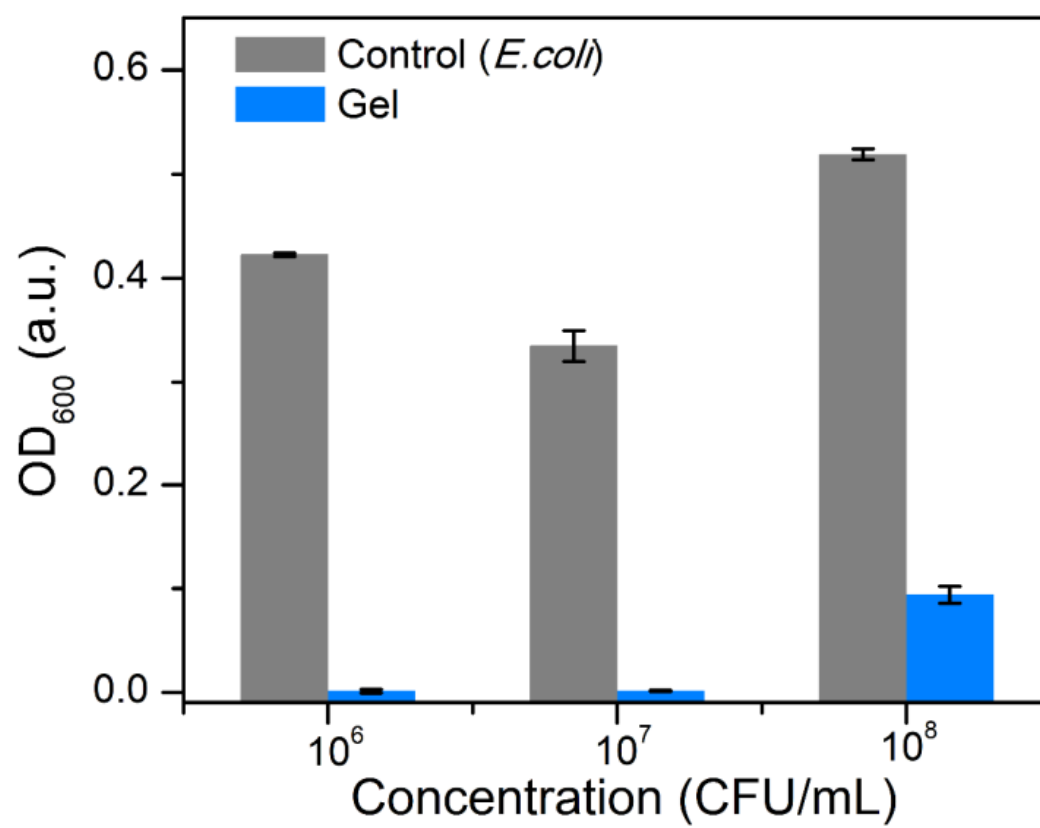


Figure S6. Concentration-dependent antimicrobial effect of the ZW/GDL hydrogel toward *E.coli* bacteria.

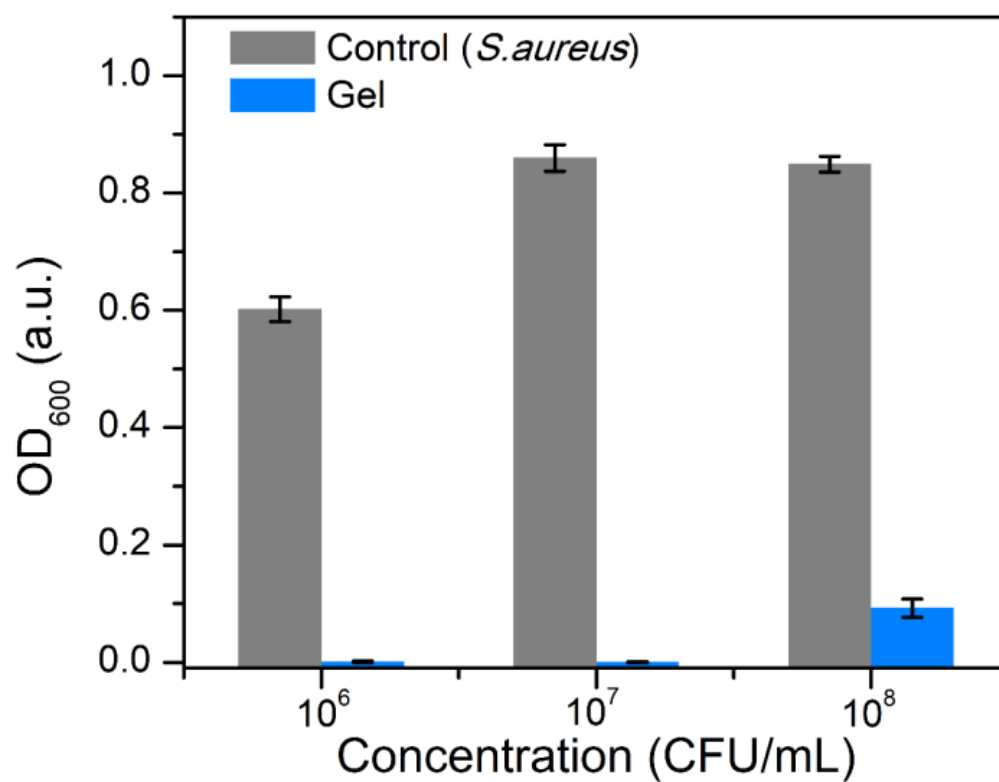


Figure S7. Concentration-dependent antimicrobial effect of the ZW/GDL hydrogel toward *S. aureus* bacteria.