

Supporting Information for

**A Simple One-Pot Fabrication of Silver Loaded Semi-
Interpenetrating Polymer Network (IPN) Hydrogels with Self-
Healing and Bactericidal Abilities**

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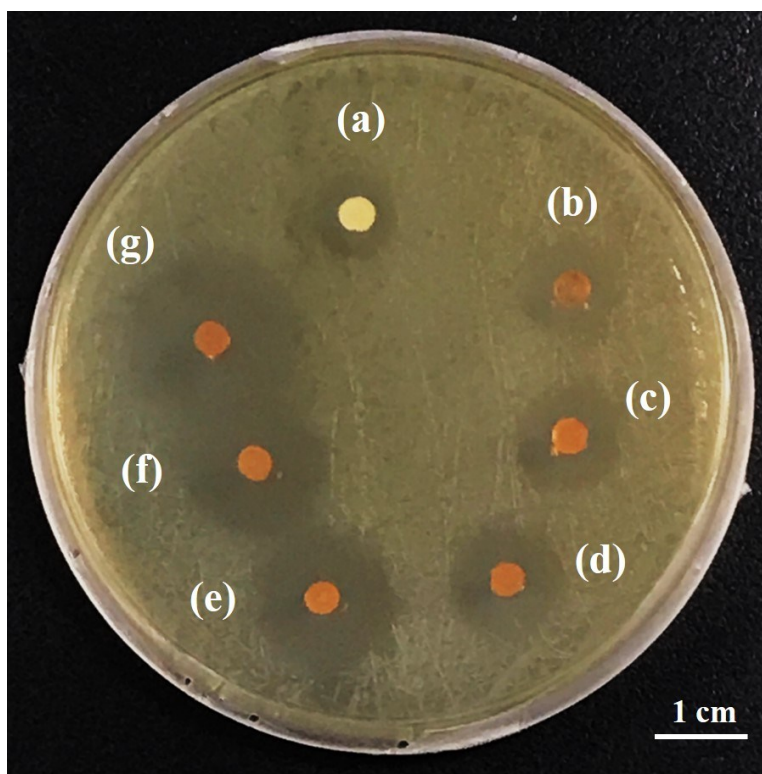


Fig. 1S. Antibacterial tests toward *Escherichia coli* with the samples of (a) H_2O_2 ; FeCl_3 with concentrations of (b) 0.25; (c) 0.5; (d) 0.75; (e) 1; (f) 1.25; and (g) 1.5 mol% of AA incubated for 12 h at 37°C

Table 1S. The average zone of inhibition of hydrogels with variation concentration of FeCl_3 toward *Escherichia coli*

FeCl_3 concentration (mol% of AA)	Zone of inhibition (mm)
0.25	8.14
0.5	8.81
0.75	10.27
1	12.68
1.25	13.87
1.5	17.73