Riboflavin-protected ultrasmall silver nanoclusters with enhanced antibacterial activity and the mechanisms

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Fig S1 Characterization of RF@AgNCs: Size distribution histograms of RF@AgNCs.

Fig. S2 Characterization of AgNPs: (a) UV-is absorption of AgNPs. (b) Size distribution
histograms of AgNPs.

Fig. S3 Representative fluorescence microscopy images of the *E. Coli* cultured with RF@AgNCs conjugates and control groups for 2 h. Scale bar is at 25 μm.

Fig. S4 Representative fluorescence microscopy images of the *C. albicans* cultured with RF@AgNCs conjugates and control groups for 2 h. Scale bar is at 25 μm.
Fig. S5 TEM images of *S. aureus*, *E. coli*, and *C. albicans* treated with RF@AgNCs for 2 h.
Fig. S6 Fluorescence microscopic images of intracellular ROS level after *E. coli* cells incubation with RF@AgNCs and control groups for 2 hours respectively and followed by staining with DCFH-DA fluorescent probe. Scale bar is at 25 μm.

Fig. S7 Fluorescence microscopic images of intracellular ROS level after *C. albicans* cells incubation with RF@AgNCs and control groups for 2 hours respectively and followed by staining
with DCFH-DA fluorescent probe. Scale bar is at 25 µm.