

Supporting Information

Photo-triggered AuAg@g-C₃N₄ composites nanoplatform for multimodal broad-spectrum antibacterial therapy

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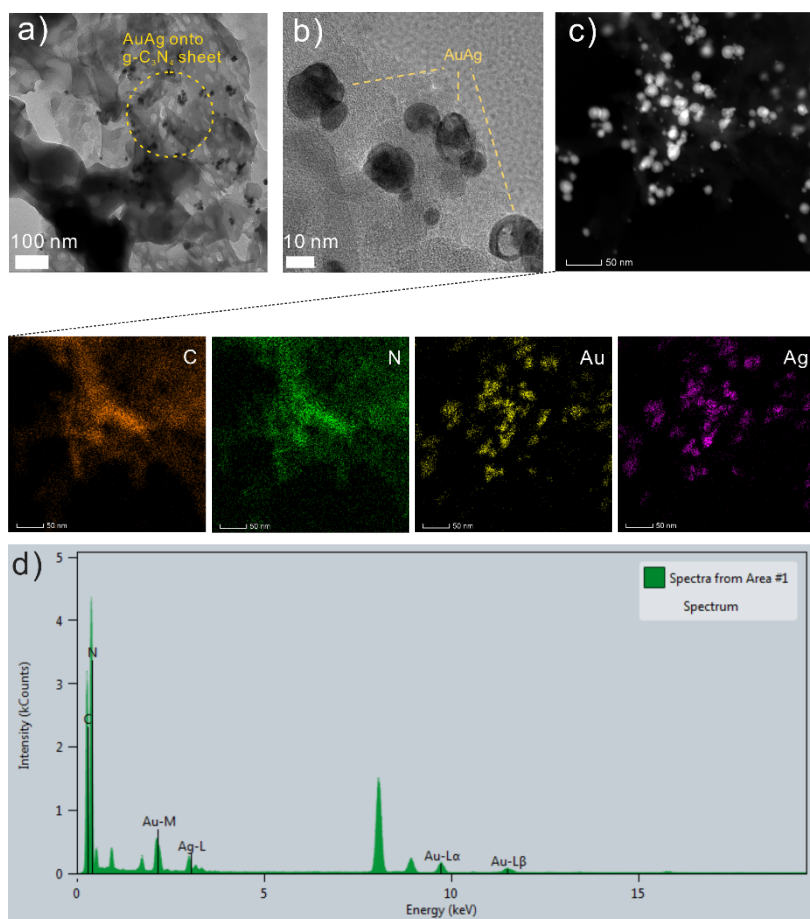


Figure S1. a) TEM images of the 1 mM of AuAg@g-C₃N₄ showing the uniform existence of AuAg on the g-C₃N₄ sheet. b) HR-TEM image of the boundary between the smaller and the spherical shaped AuAg on g-C₃N₄. c) Selected area of drift correlated spectrum for elemental mapping. Elemental maps of C (orange color), N (green color), Au (yellow color), and Ag (purple color). (d) Elemental composition of the AuAg@g-C₃N₄.

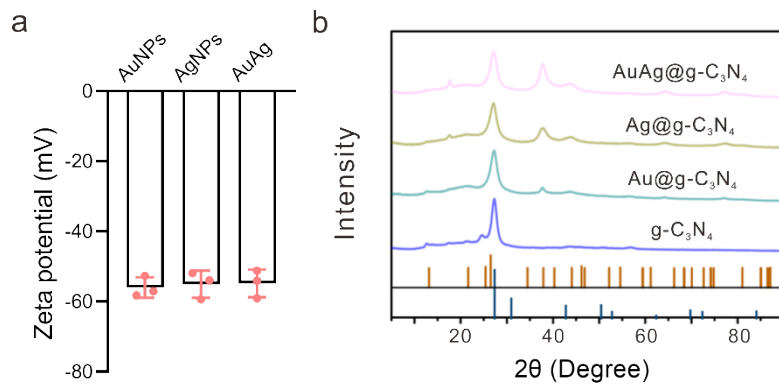


Figure S2. a) Zeta potential of AuNPs, AgNPs, and AuAg. b) Representative XRD patterns of g-C₃N₄, Au@g-C₃N₄, Ag@g-C₃N₄, and AuAg@g-C₃N₄.

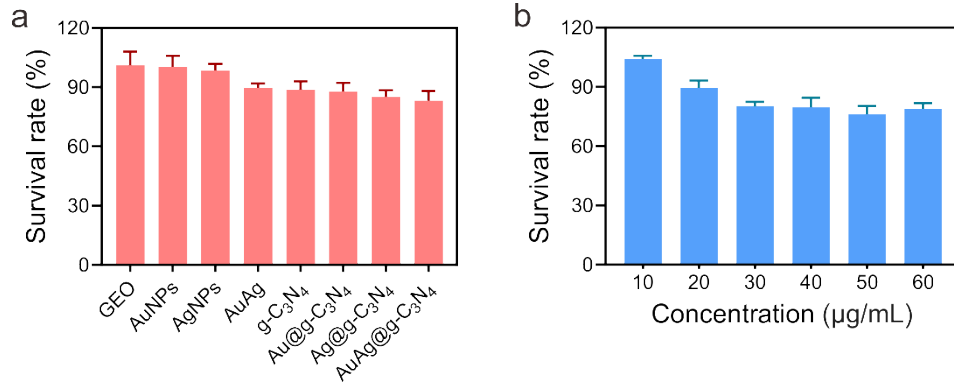


Figure S3. Cytocompatibility experiments for composite materials. a) Cytotoxicity of GEO, AuNPs, AgNPs, AuAg, g-C₃N₄, Au@g-C₃N₄, Ag@g-C₃N₄, AuAg@g-C₃N₄ at 20 mg/L. b) Cell viability of AuAg@g-C₃N₄ detected at 10 mg/L-60 mg/L.