

Supplementary Information (SI)

Detection of gatifloxacin by ratiometric fluorescent probe based on Ag⁺ ions triggered aggregation induced emission

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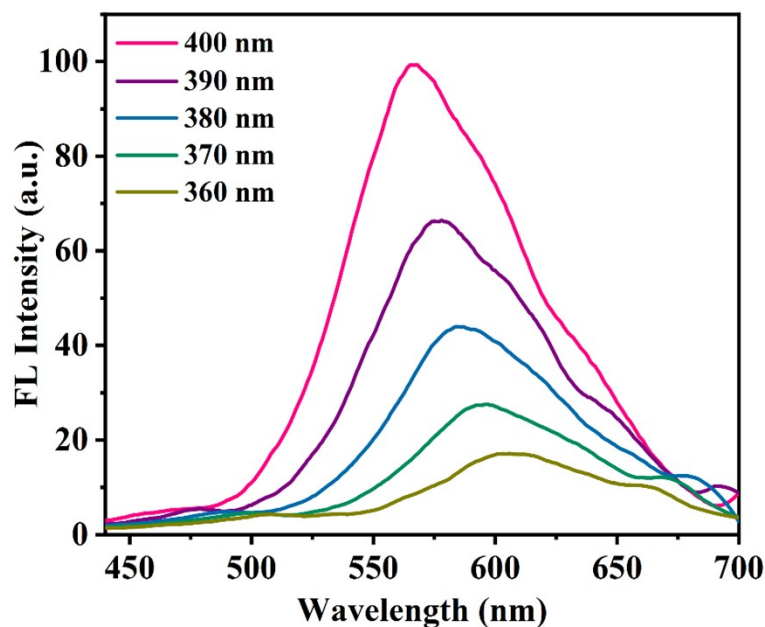


Figure S1. FL emission spectra of GSH-AuNCs at different excitation wavelength from 360–400 nm.

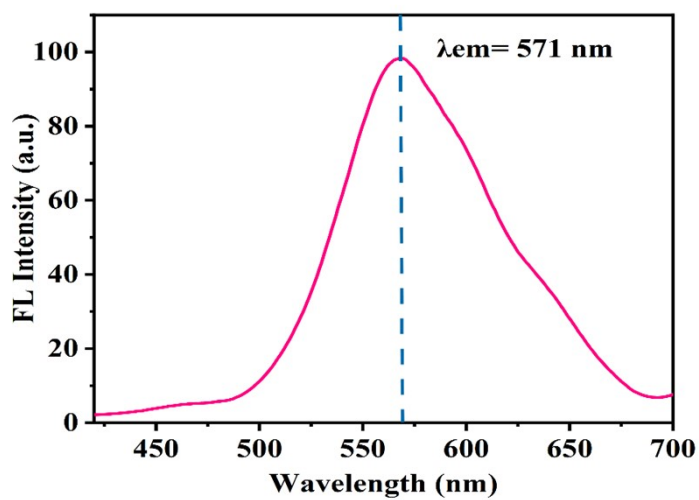


Figure S2. FL emission spectra of GSH-AuNCs at excitation wavelength of 400 nm.

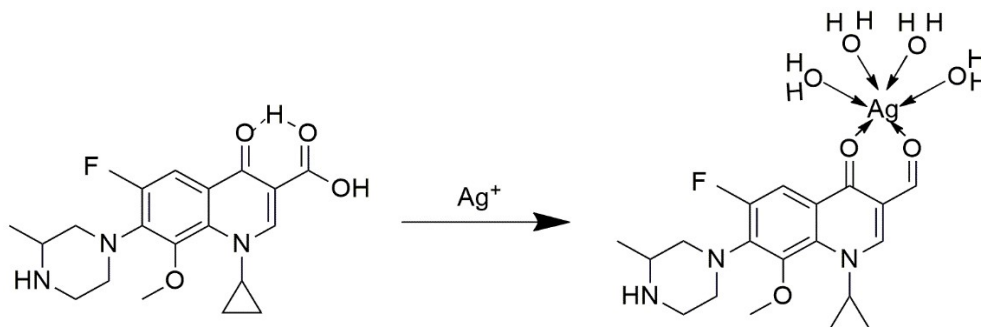


Figure S3. Coordination of GAT with Ag^+ ions.

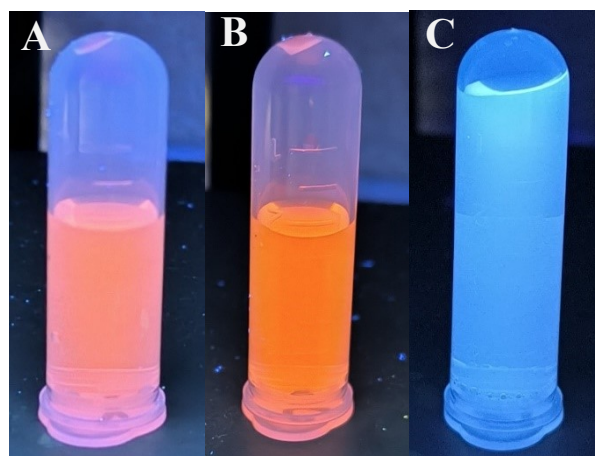


Figure S4. The image of (A) GSH-AuNCs (0.12 mg/mL) (B) GSH-AuNCs after addition of Ag^+ ions (21.75 μM) (C) GSH-AuNCs- Ag^+ after addition of GAT (9 μM) under UV lamp at 365 nm.

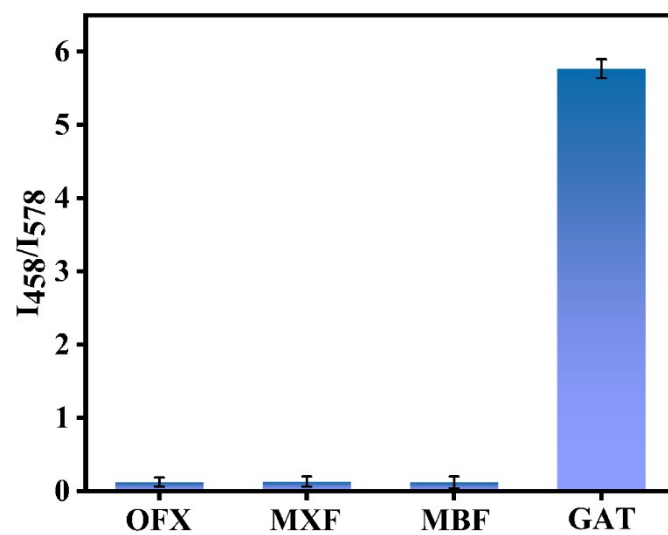


Figure S5. Selectivity of the probe GSH-AuNCs-Ag⁺ towards other quinolones such as ofloxacin, moxifloxacin and marbofloxacin. The concentration of both quinolones and GAT was 9 μ M.