

## **Glutathione-Capped Fluorescent Gold Nanoclusters for Dual-Modality Fluorescence/X-ray Computed Tomography Imaging**

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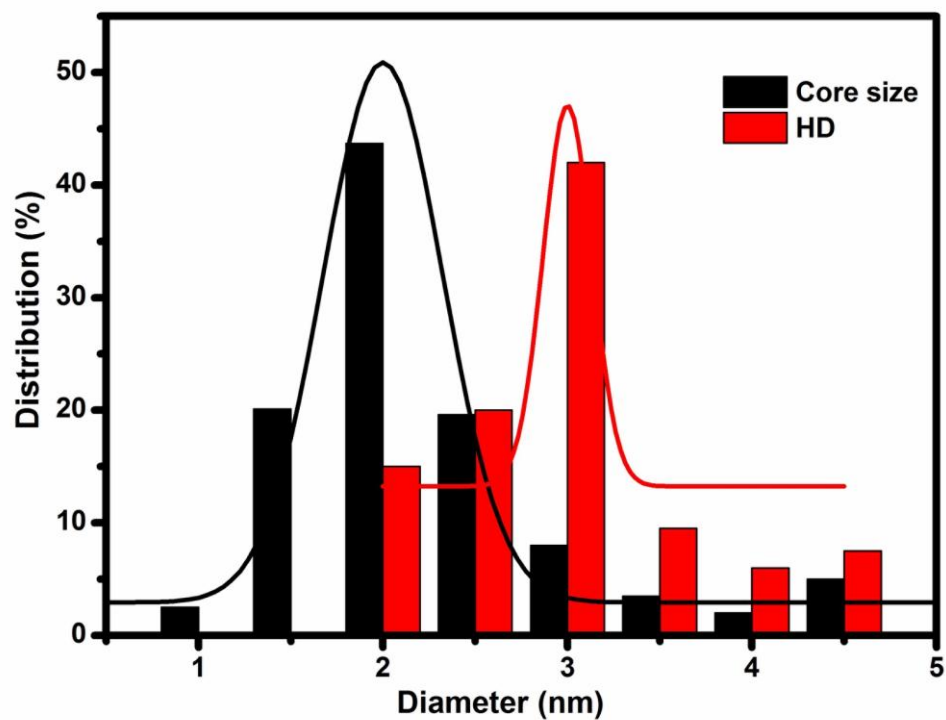


Figure S1. The core size of AuNCs@GSH is  $1.90 \pm 0.57$  nm, and dynamic light scattering analysis showing a hydrodynamic diameter (HD) of  $3.10 \pm 0.71$  nm in aqueous solution.

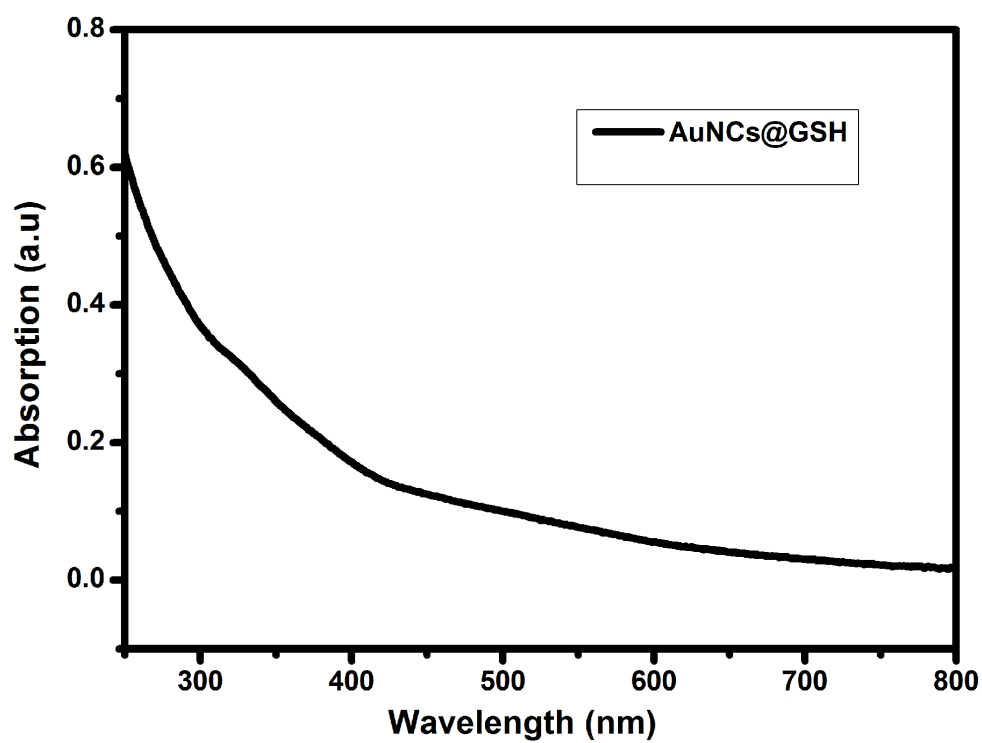


Figure S2. UV-vis spectra of AuNCs@GSH

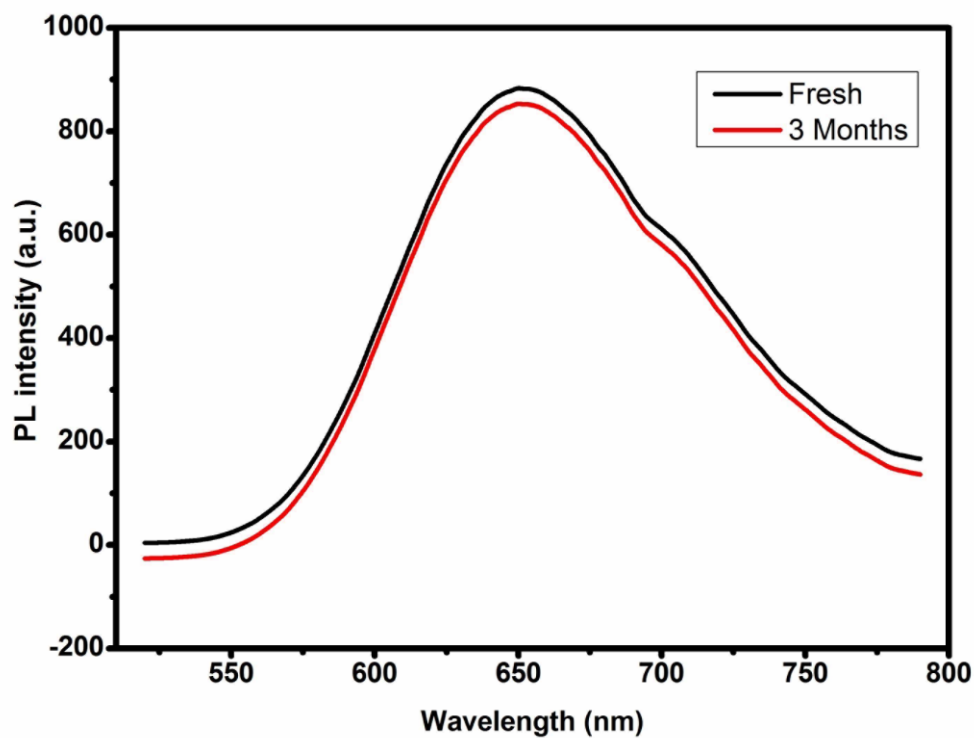


Figure S3. Fluorescence emission spectra of AuNCs@GSH in ultrapure water after fresh synthesis (black) and after storage 4°C for 3 months (red).

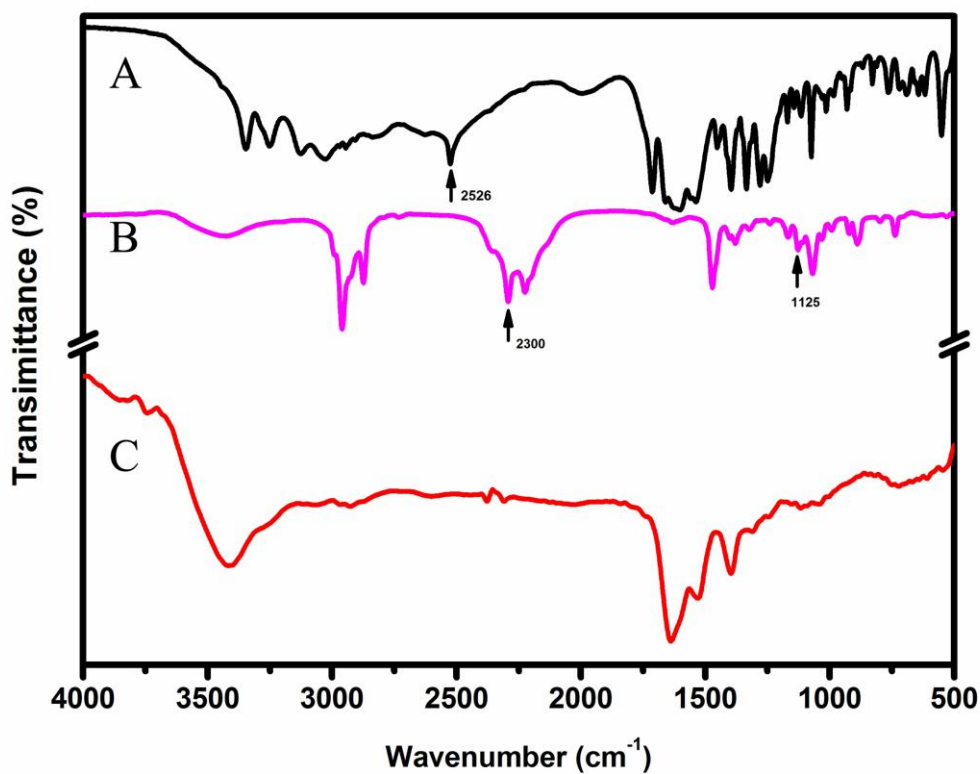


Figure S4. FTIR spectra of pure (a) GSH, (b) TBAB, and (c) AuNCs@GSH.