

Fluorescent Labeling of Hyaluronic Acid-Chitosan Nanocarriers by Protein-Stabilized Gold Nanoclusters

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Supplementary Materials

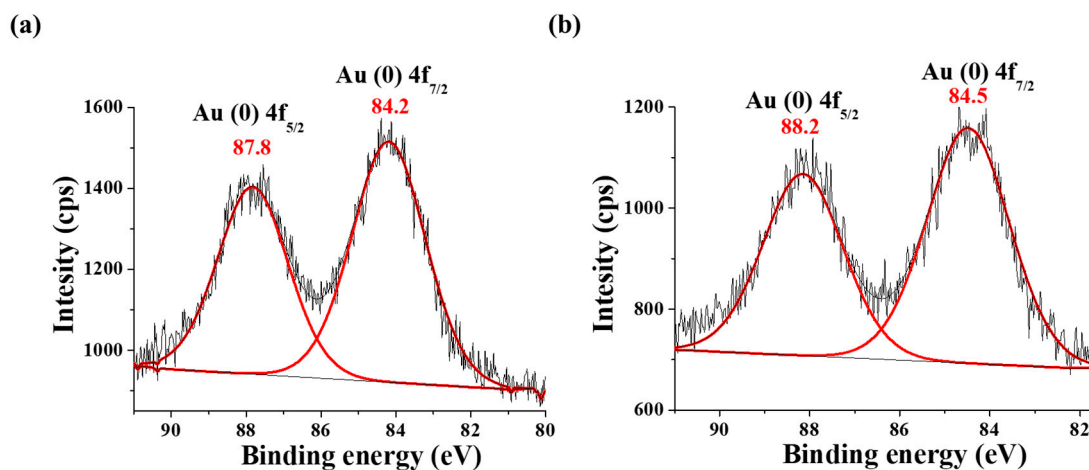


Figure S1. Representative XPS spectra of (a) LYZ-Au NC and (b) BSA-Au NC.

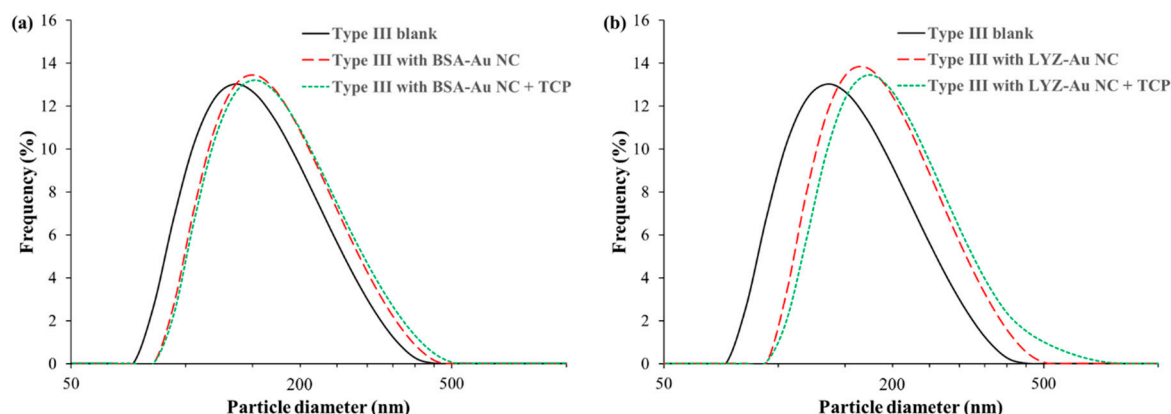


Figure S2. Representative DLS curves of type III NPs labeled with (a) BSA-Au NC or (b) LYZ-Au NC, with the blank (black), labeled (red) and labeled, drug-loaded carriers (green).

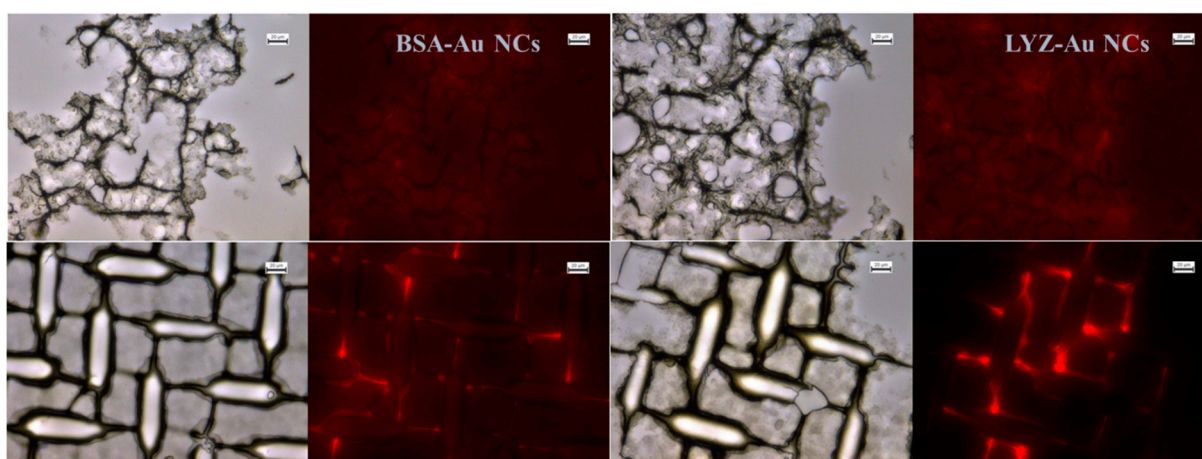


Figure S3. Fluorescence microscopy images of BSA- (left) and LYZ-(right) Au NCs-labeled type III NPs with 10:1 mass ratio (upper: addition of 50 µL NC dispersion; below: addition of 140 µL NC dispersion $c_{Au} = 0.0163$ (upper) and 0.0615 (below)).

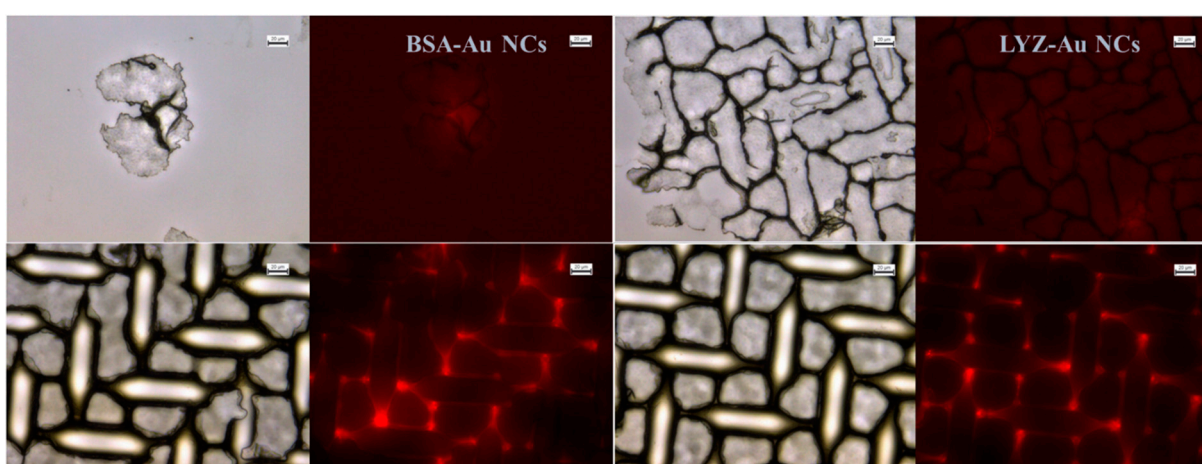


Figure S4. Fluorescence microscopy images of BSA- (left) and LYZ-(right) Au NCs-labeled type II NPs with 40:1 mass ratio (upper: addition of 50 µL NC dispersion; below: addition of 350 µL NC dispersion $c_{Au} = 0.0215$ (upper) and 0.1621 (below)).