

Supporting Information:

Ansamitocin P3-loaded Gold-NanoCage Conjugated with Immune Checkpoint Inhibitor to Enhance Photo-Chemo-Thermal Maturation of Dendritic Cells for Hepatocellular Carcinoma

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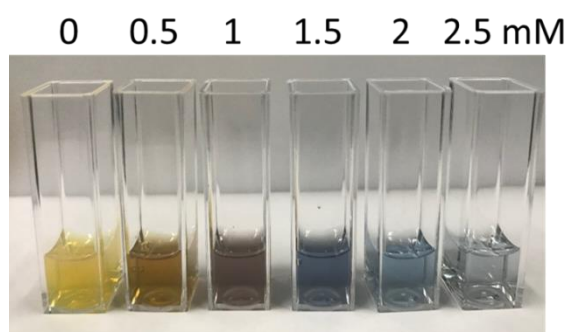


Figure S1. HAuCl_4 solution (0, 0.5, 1, 1.5, 2, 2.5 mM) were used to titrate Ag nanocubes suspension and brilliant color was changed during Ag-Au alloy formation.

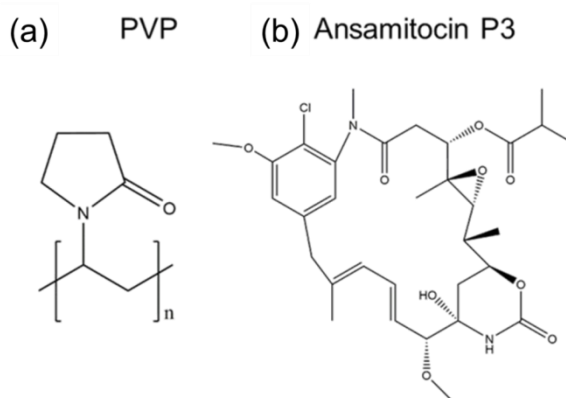


Figure S2. The structure of PVP and Anasmitocin P3



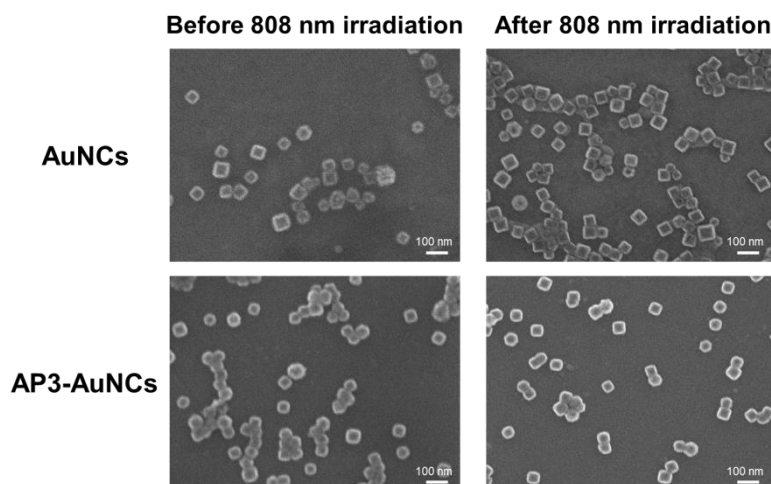



Figure S3. The morphology of AuNCs and AP3-AuNCs under 808 nm irradiation. 

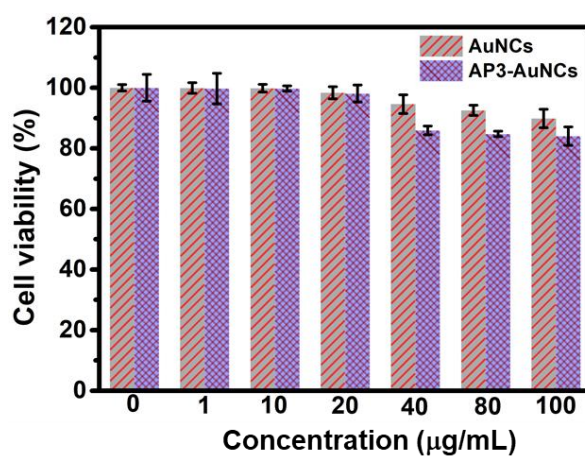


Figure S4. Evaluation of cell viability of Hep55.1c cells after incubation with various concentrations of AuNCs and AP3-AuNCs in dark for 24 h, respectively. Error bars are expressed standard error with n=3.

Table S1. Characterization of the AP3-AuNC constructed in different solvents

| Sample | Solvent | Size(nm) | Polydispersity index | Zeta potential |
|-----------|---------|------------|-------------------------|-------------------|
| AP3-AuNCs | Ddw | 137.0±51.1 | 0.194 | -8.28 |
| | 80%EtOH | 113±38.9 | 0.124 | -9.46 |
| | 99%EtOH | 168.9±72.6 | 0.205 | -2.55 |