

# Supplementary Information

## **Dual-sensitive Gold-nanocubes platform with synergistic immunotherapy for inducing immune cycle using NIR-mediated PTT/NO/IDO**

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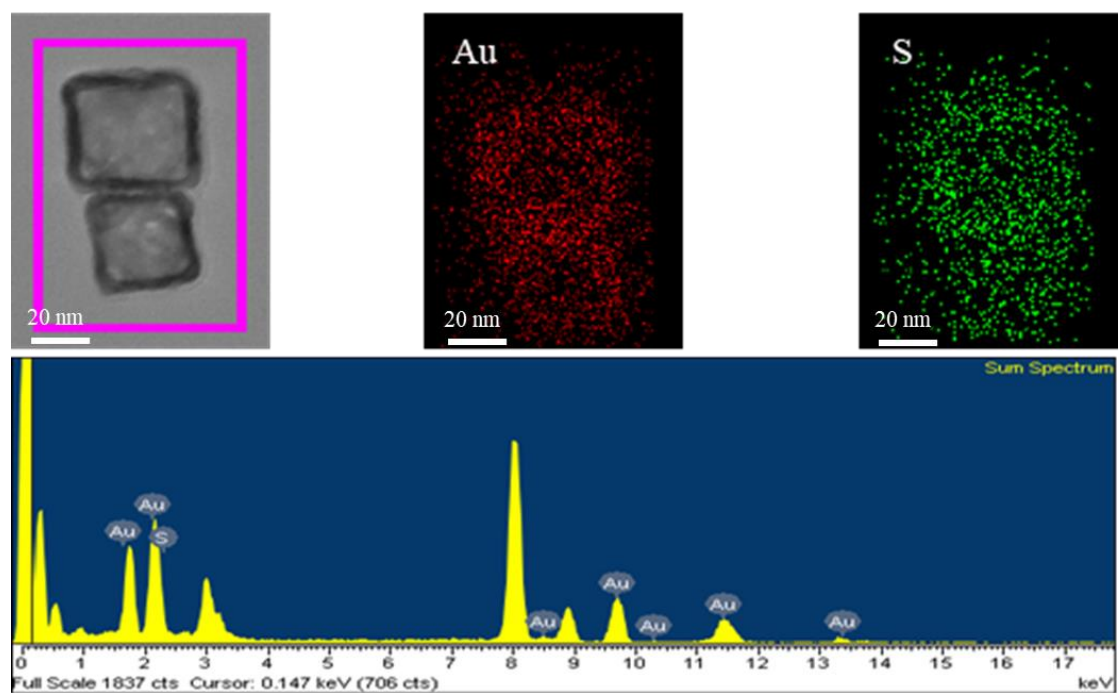
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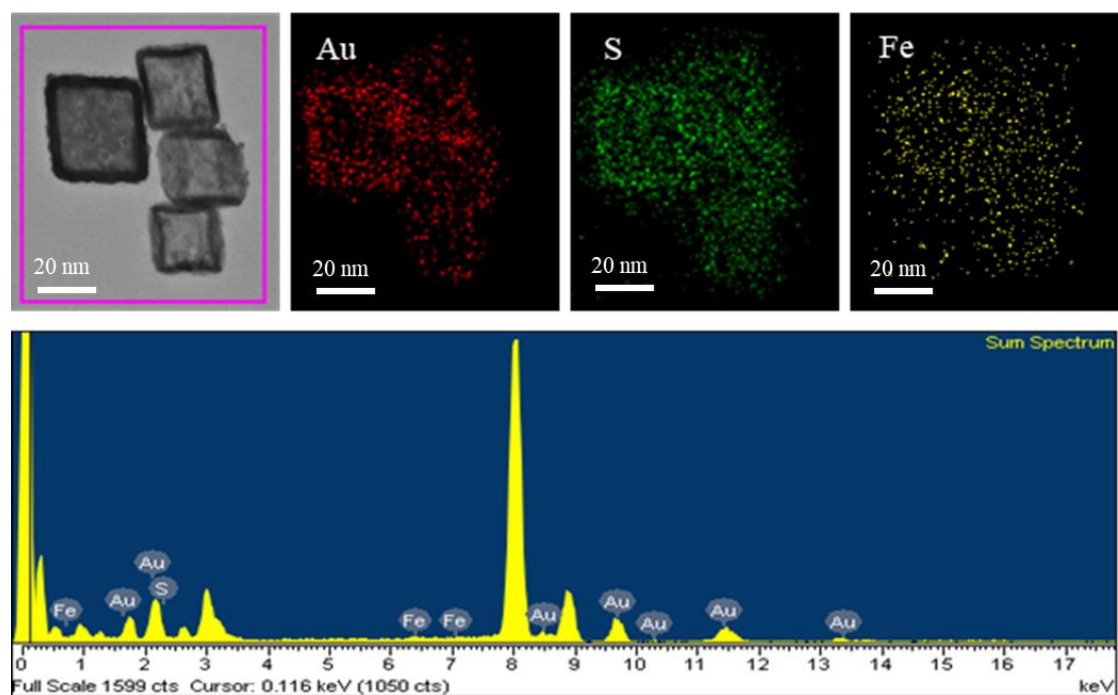
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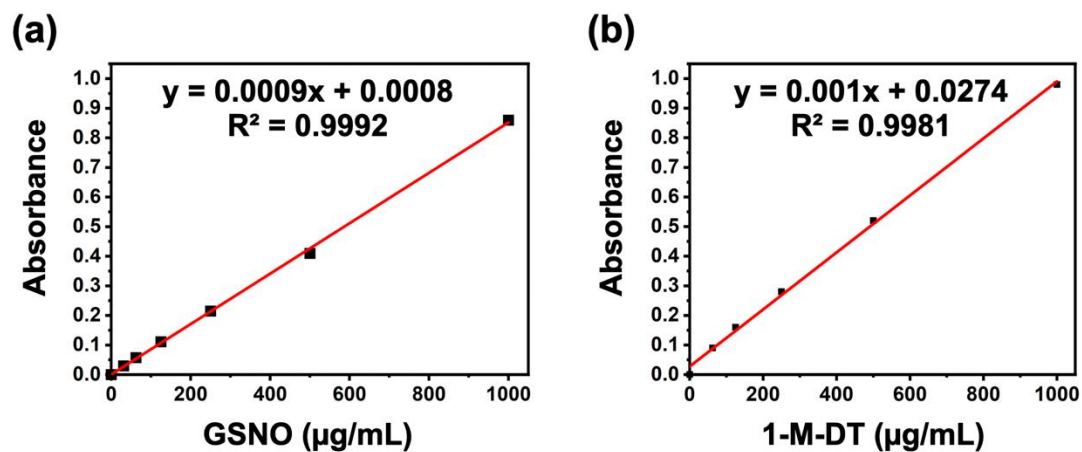
(a)



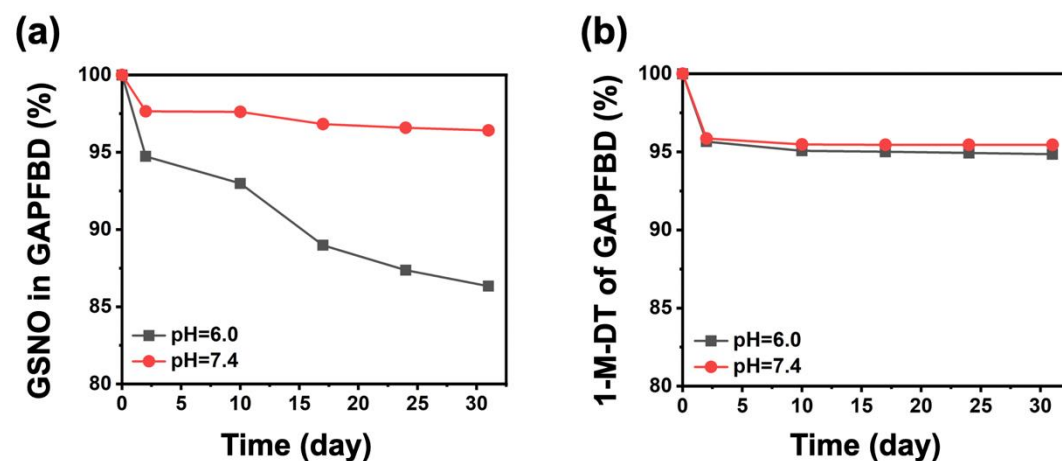
(b)



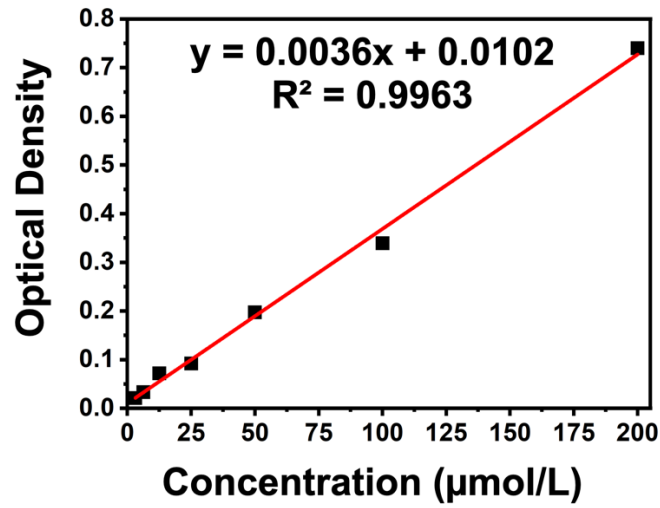
**Figure S1.** Elemental analysis. (a) GAP and (b) GAPFBD.



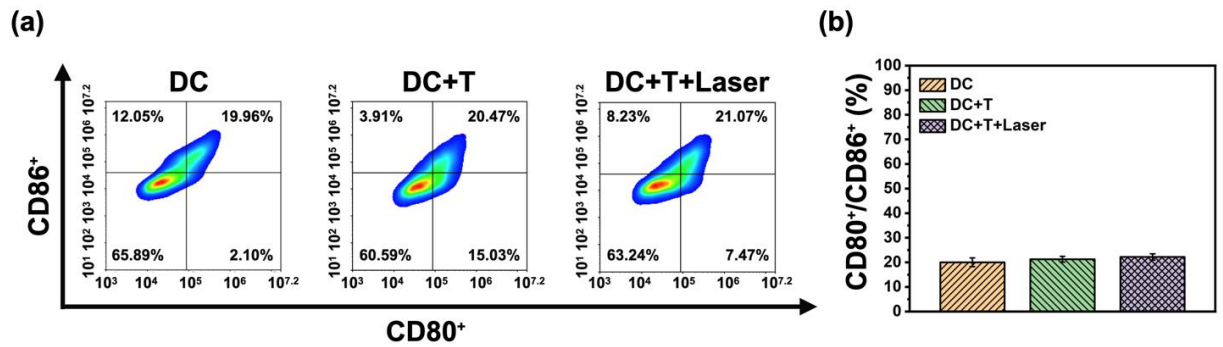
**Figure S2.** Standard curve of (a) GSNO and (b) 1-M-DT.



**Figure S3.** (a) GSNO and (b) 1-M-DT stability of GAPFBD under storage condition of pH=7.4 and pH=6.0.



**Figure S4.** Standard curve of nitrite concentration.



**Figure S5.** Analysis of immune responses induced by PTT/NO/IDO therapeutic nanoparticle. (a) Flow cytometry expression of CD80<sup>+</sup> and CD86<sup>+</sup> on mature DCs surface. (b) Quantitative results. Data are expressed as mean ± SD, n=3.

**Table S1.** Element analysis of the GAPFBD.

<b>Element</b>	<b>Atomic%</b>
S	9.14
Fe	5.48
Au	85.38
Totals	100