

Electronic supplementary information (ESI)

Tumor Angiogenesis Targeting and CT Imaging Using Gold Nanoparticle **Probe with
Directly Conjugated cyclic NGR**

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Figure S1 UV-visible absorption spectrum of the GNPs-PEG@cNGRs **probe** dispersed into PBS (A) and cell culture medium DMEM (B) with the increase of storage time for 120 days. Inset: pictures of the probes under different solvent conditions kept in 1.5 ml EP tube for 120 days.

Figure S2 Hydrodynamic size distribution of the GNPs-PEG@cNGRs incubated with PBS (C) and cell culture medium DMEM (D) at 37 °C for 0 and 120 days.

Figure S3 MTT viability assay of 293T cell after treatment with GNPs-PEG@cNGR at different concentration from 18.75 to 300 $\mu\text{g}/\text{mL}$ for 24 h.

Figure S4 Biodistribution of the **probe** GNPs-PEG@cNGR (A) and GNPs-PEG (B) at 1, 2, 4, 8, and 24 h post injection.

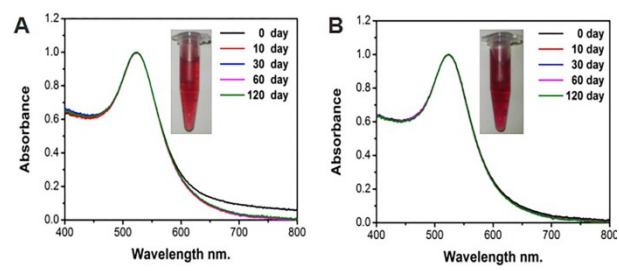


Figure S1

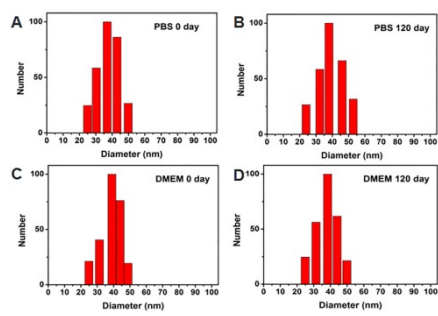


Figure S2

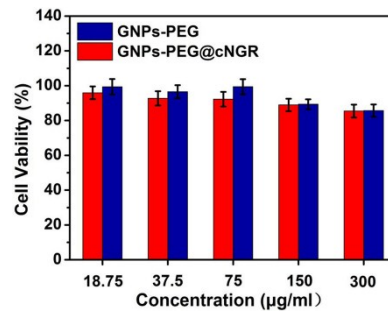


Figure S3

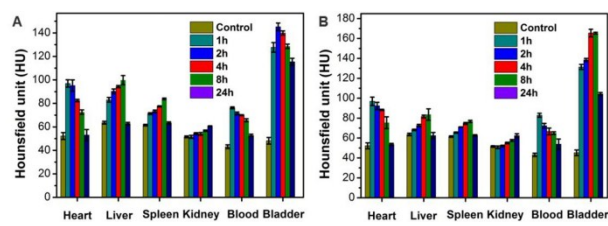


Figure S4