Construction of novel multifunctional luminescent nanoparticles based on DNA bridging and its inhibitory effect on tumor growth

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Supporting materials
Figure S1-S5.
Figure S1. (a) Three-dimensional AFM topography image, (b) AFM height image, (c) AFM three-dimensional height profile image, (d) TEM images and (e) size distribution of AgNPs.
Figure S2. (a) Three-dimensional AFM topography image, (b) AFM height image, (c) AFM three-dimensional height profile image, (d) TEM images and (e) size distribution of GQDs.
Figure S3. (a) TEM images of physical mixture of AgNPs and GQDs and (b) TEM images of AgNP-DNA-GQDs as squares indicate.
Figure S4. (a) Three-dimensional AFM topography image, (b) AFM height image, (c) AFM three-dimensional height profile image, (d) TEM image and (e) size distribution of ADG-DDPC.
Figure S5. Fluorescence micrographs of Hela cells incubated with ADG-DDP and ADG-DDPC for 6 h (a) and 12 h (b). From the left are bright field, fluorescence from GQDs (blue light) and merged images. Bar equals 30 μm.