

Supporting Information for

Au nanoflower@SiO₂@CdTe/CdS/ZnS quantum dots multi-functional nanoprobes for photothermal treatment and cellular imaging

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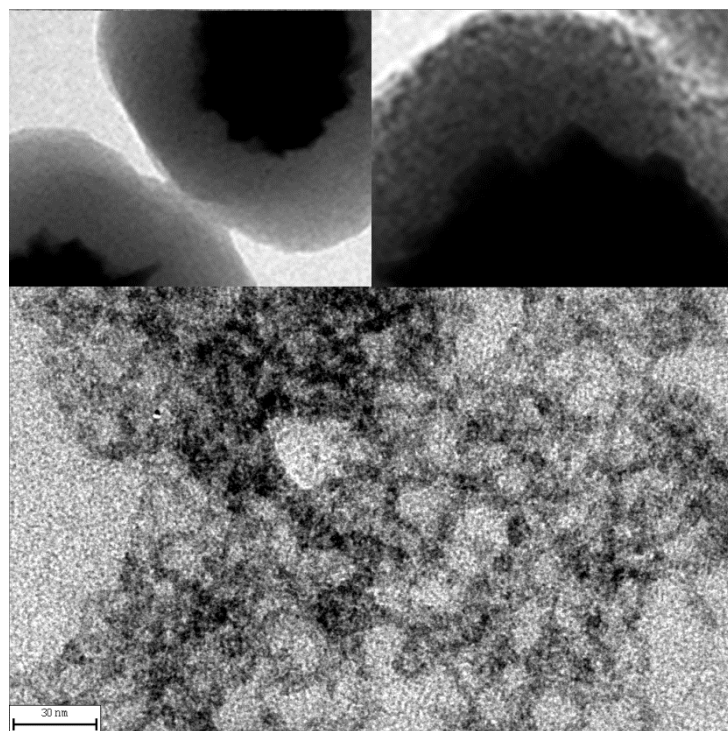


Figure S1. TEM images of QDs. The inset of top left corner and top right corner are the enlarged images of Au NF@SiO₂ and Au NF@SiO₂@QDs (the silica shell thickness is 65 nm), respectively.

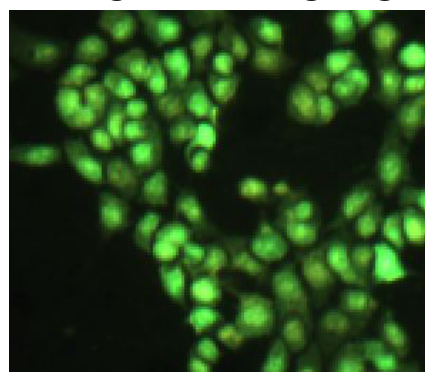


Figure S2. Viability staining of the MCF-7 breast cancer cells incubated with Au NF@SiO₂@QDs and with irradiation of laser.

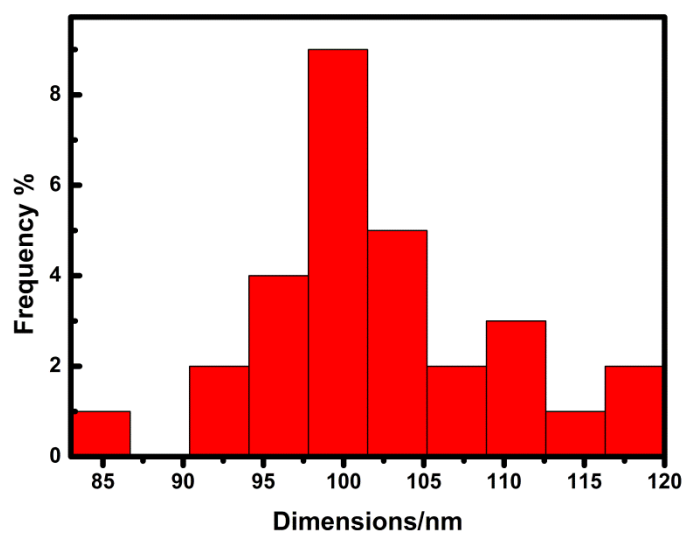


Figure S3. Histogram of the size distribution of AuNF

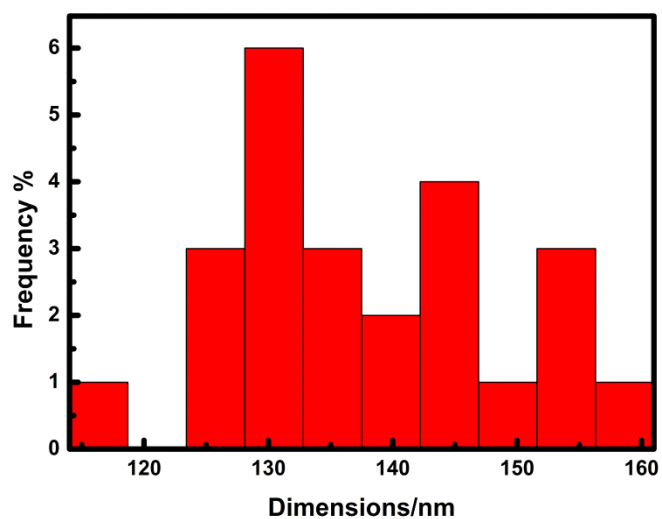


Figure S4. Histogram of the size distribution of AuNF@SiO₂@QDs(the silica shell thickness is 16 nm)