Supporting Information

Dual-modal imaging guided highly efficient photothermal therapy using heptamethine cyanine-conjugated hyaluronic acid micelles†

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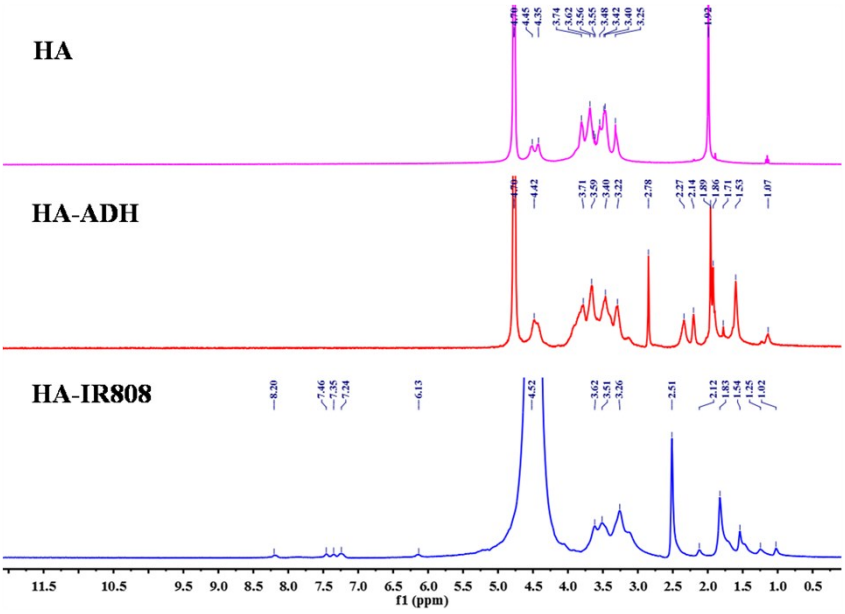

Fig. S1 1H-NMR spectrum of HA, HA-ADH and HA-IR808

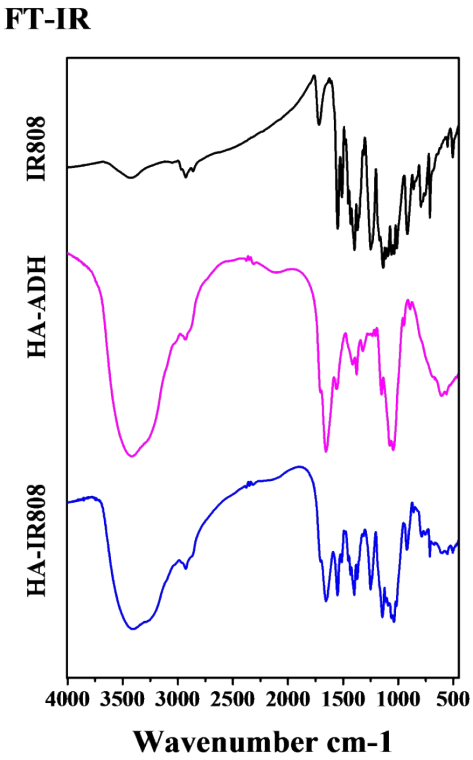

Fig. S2 FT-IR spectrum of HA, HA-ADH and HA-IR808

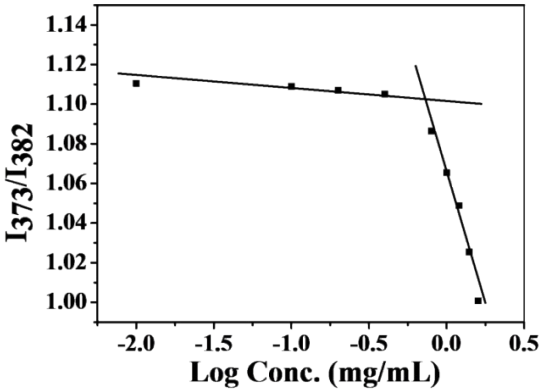

Fig. S3 The critical micelle concentration (cmc) of HAIR nanoparticles

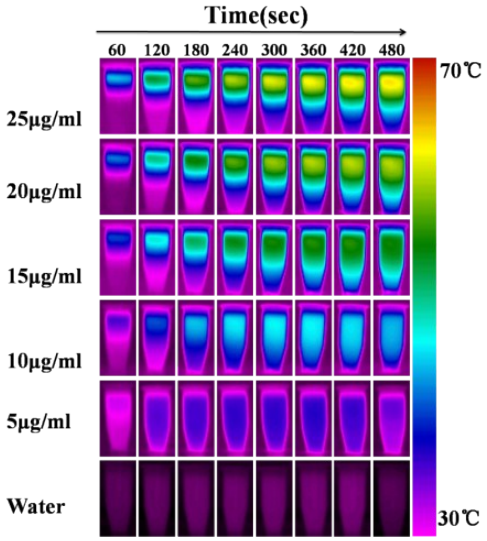

Fig. S4 Real-time thermal image of HAIR NPs and water at various concentrations with a 808nm laser irradiation (8min, 0.8W/cm^2).

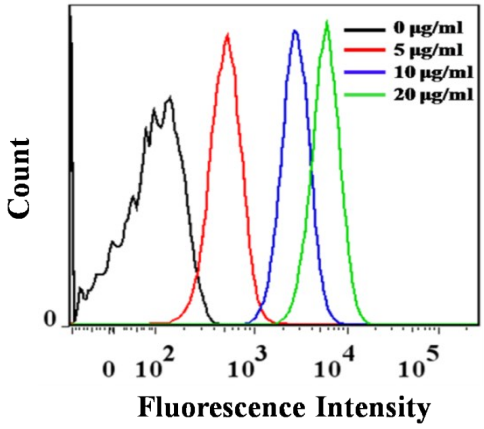

Fig. S5 Flow cytometry analysis uptake of A549 incubated with various concentration of HAIR NPs.

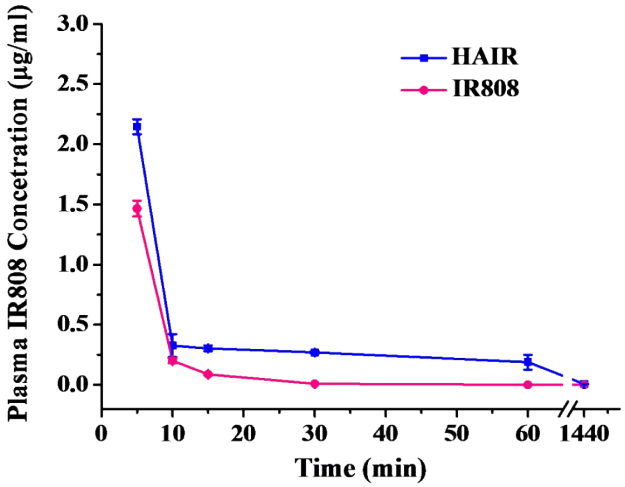

Fig. S6 The pharmacokinetic parameters of HAIR NPs *in vivo*.

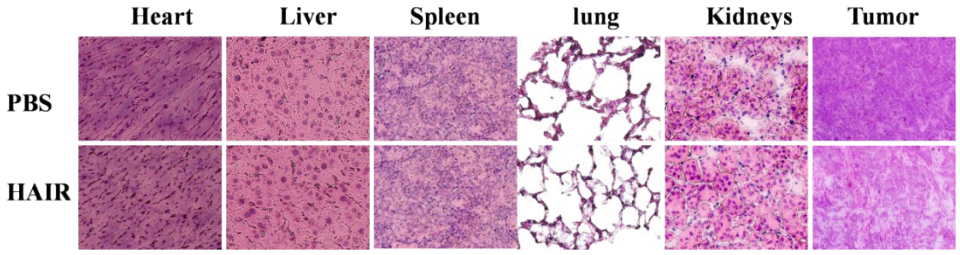

Fig. S7 H & E staining images of the major organs and tumor collected from the group treated by laser.