

Supplementary Material

Dual-targeting Nanoparticle-mediated Gene Therapy Strategy for Hepatocellular Carcinoma by Delivering Small Interfering RNA

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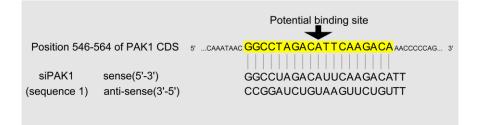
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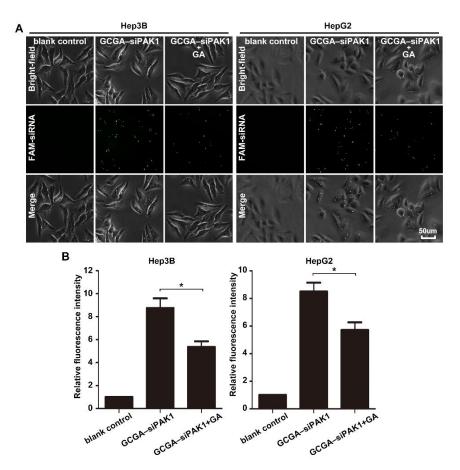
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Figures

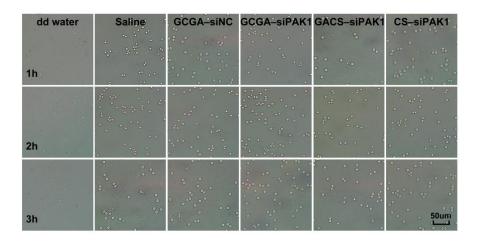


Supplementary Figure S1. Potential siPAK1 binding site in PAK1 sequence.

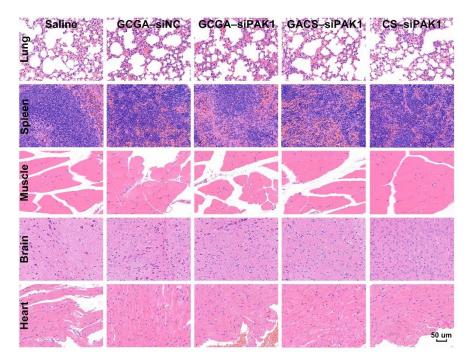


Supplementary Figure S2. (A) Fluorescence images of GCGA-siPAK1 in HCC cells pretreated with free GA (100 ug/mL)

for 30 min. (B) Statistical analysis of fluorescence intensity according to (A).

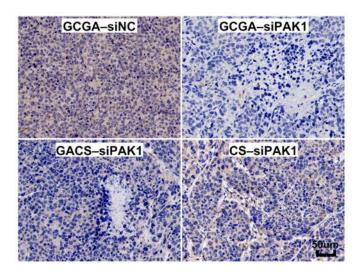


Supplementary Figure S3. Hemolysis assay of RBCs. RBCs were incubated with different NP formulations for 1, 2 and 3 h, respectively. Optical microscopic observations of erythrocytes after incubation with distilled water, saline, and NPs.



Supplementary Figure S4. Histopathologic images (400×) with H&E staining. Various organ sliced from mice on the

eighth day following different treatments.



Supplementary Figure S5. The immunohistochemical staining of PAK1 in tumor sections.