Supporting Information

Immunogenic dead cell engineered by sequential treatments of ultraviolet irradiation/cryo-shocking for lung-targeting delivery and tumor vaccination

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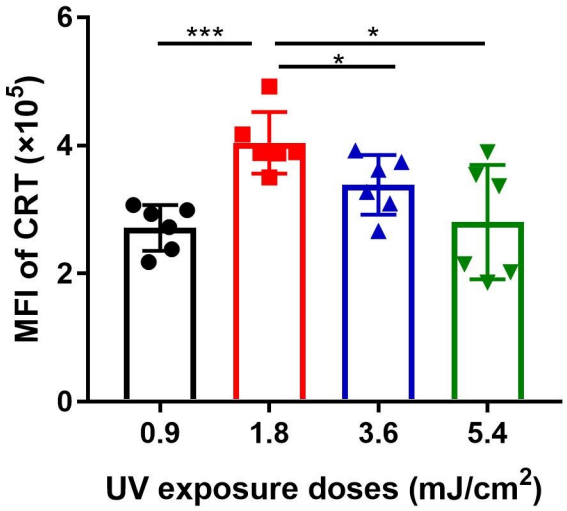

Fig. S1 CRT expression of Lewis cells after UV irradiation. Data were shown as mean ± S.D. (n = 6). *$P < 0.05$ and ***$P < 0.001$.

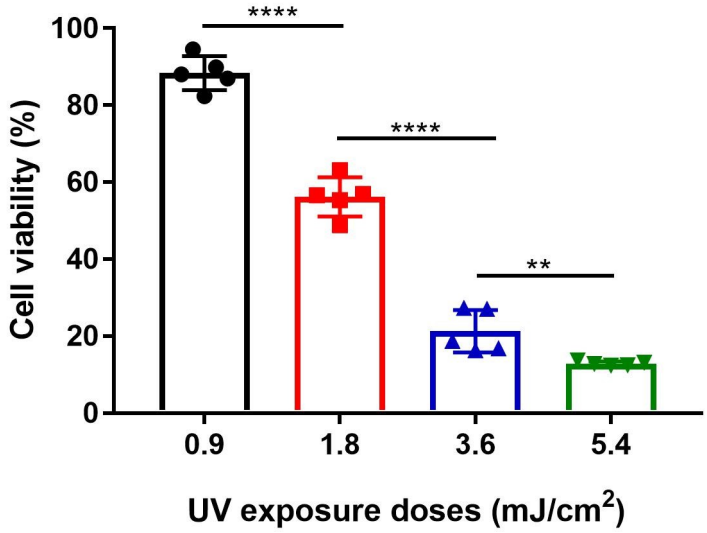

Fig. S2 Viability of Lewis cells after UV irradiation of different times. Data were shown as mean ± S.D. (n = 5). $^{**}P < 0.01$ and $^{****}P < 0.0001$.

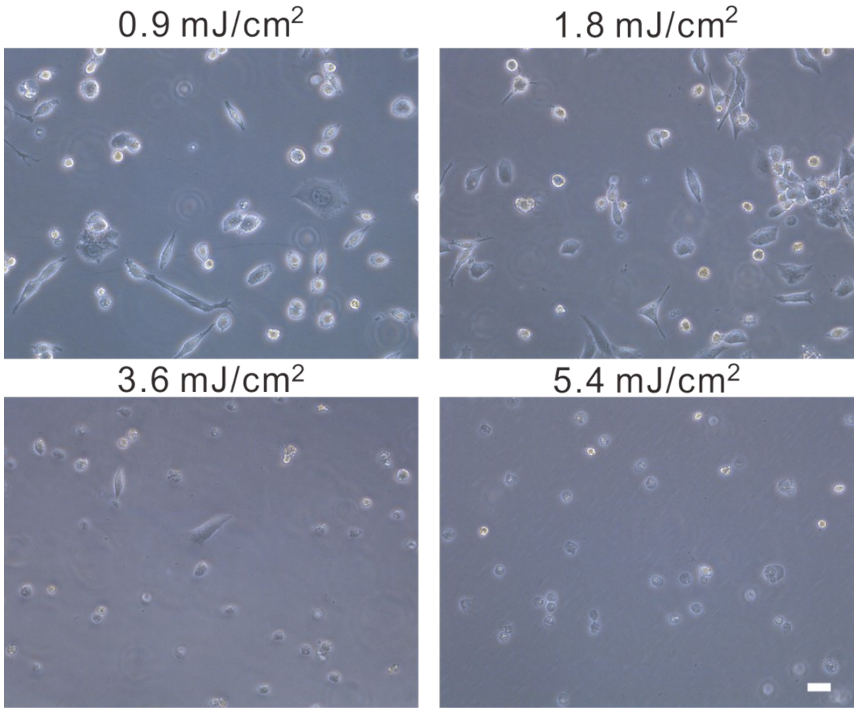

Fig. S3 Changes of cell morphology after UV irradiation at indicated irradiation intensities. Scale bar, 20 μm.

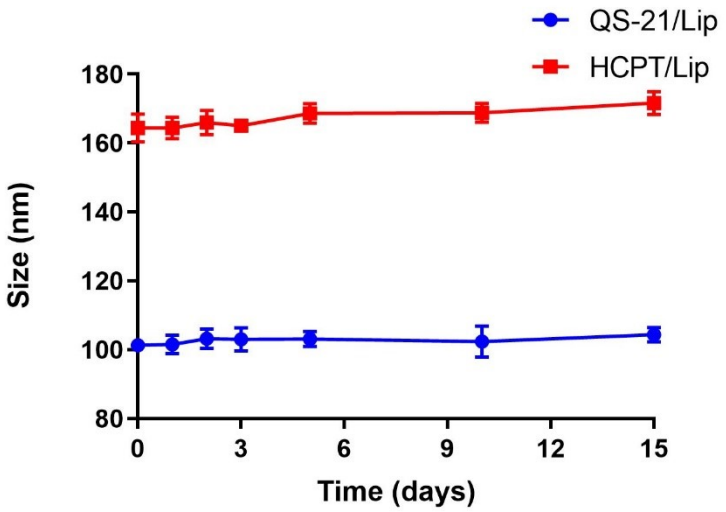

Fig. S4 Particle size of HCPT/Lip and QS-21/Lip in PBS after storing at 4℃. Data were shown as mean ± S.D. (n = 3).

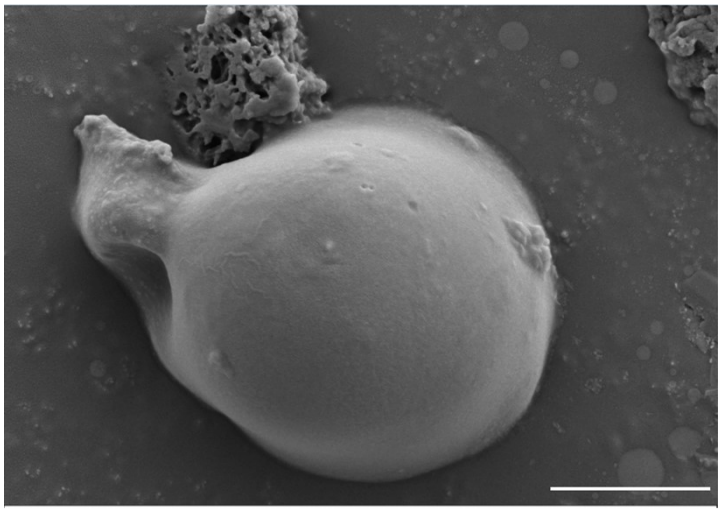

Fig. S5 SEM image of HCPT&QS-21/UV-Cryo cell. Scale bar, 2 μm.

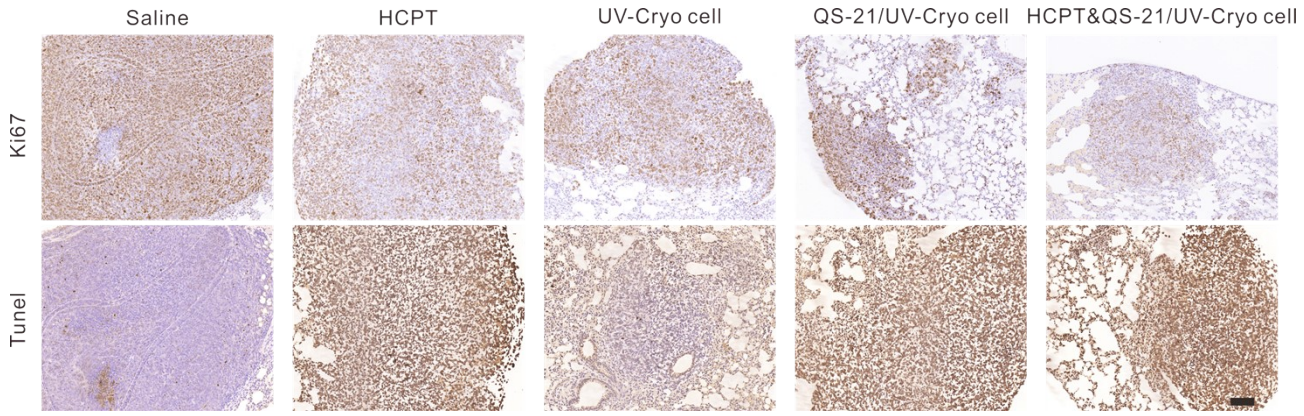

Fig. S6 Ki67 and TUNEL staining assay of lungs. Scale bar, 100 μm.

Tab. S1 Physical characterizations of HCPT/Lip (n = 3).

Size (nm)	ζ-potential (mV)	EE (%)	DL (%)
163.7 ± 4.1	19.9 ± 0.7	68.2 ± 3.5	6.2 ± 0.3