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Supporting Information

Exosomes separated based on the "STOP" criterions for tumor-targeted drug delivery

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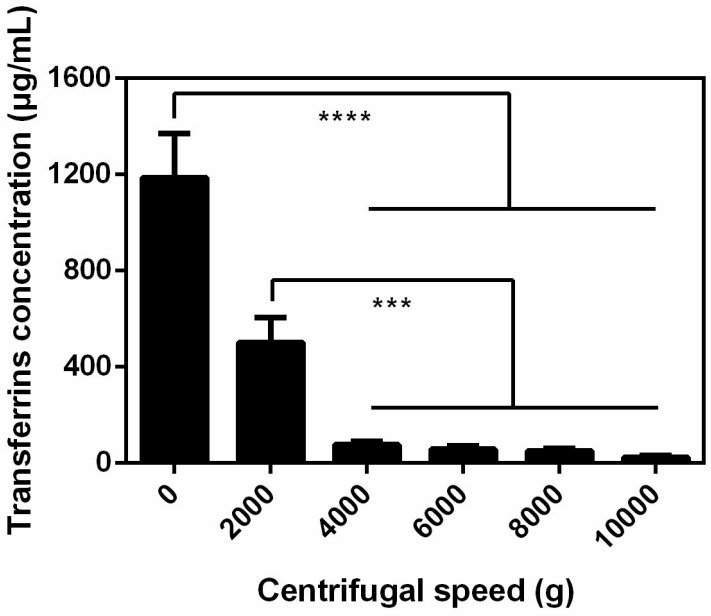

Figure S1. A) The influence of centrifugal speed on the concentration of free serum transferrins; B) significance levels are shown as ***p < 0.001 and ****p < 0.0001.

Table S1. The influence of centrifugal speed on proteins recovery.

Centrifugal speed (g)	Proteins concentration of filtrate (mg/mL)	Proteins concentration of retentate (mg/mL)	Protein yield (%)
0	/	82.53±3.81	100
4000	60.73±4.32	15.41±2.64	~92
6000	61.63±3.90	11.42±4.26	~88
8000	60.52±1.53	9.32±3.63	~84
10000	55.24±5.24	7.35±1.03	~75

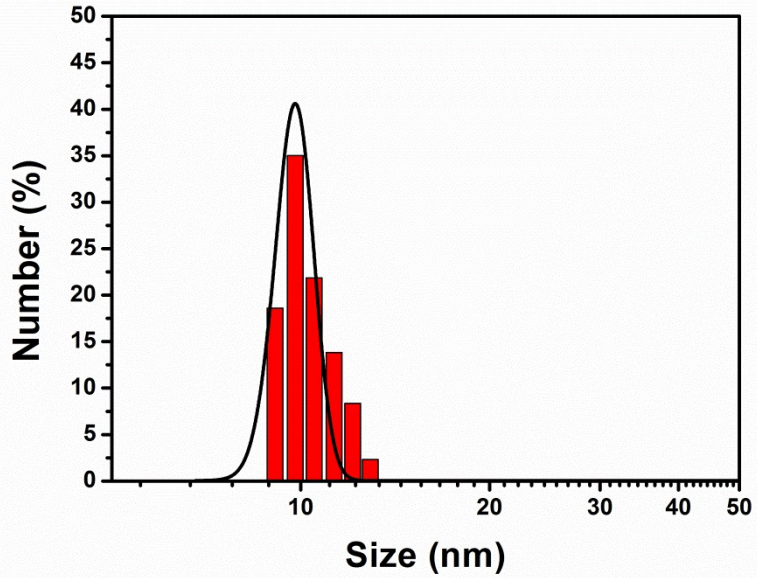

Figure S2. The size distribution of SPMNS.

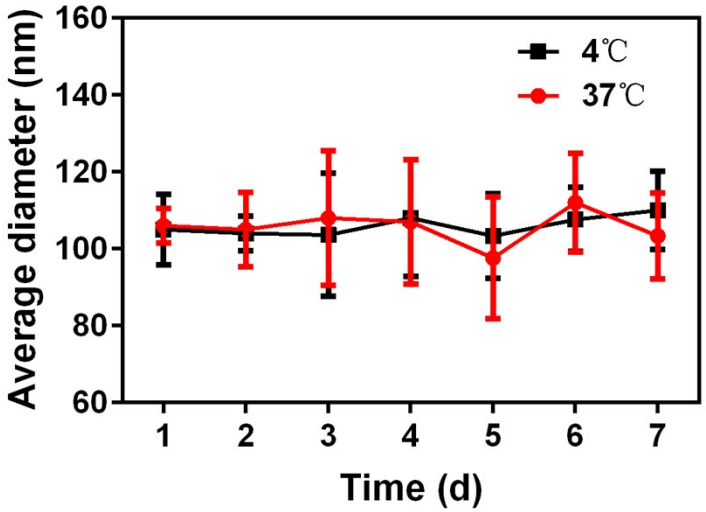

Figure S3. The change in size of SMNC-EXO-PLUSs stored at 4°C and 37°C in serum. Data obtained using dynamic light scattering.

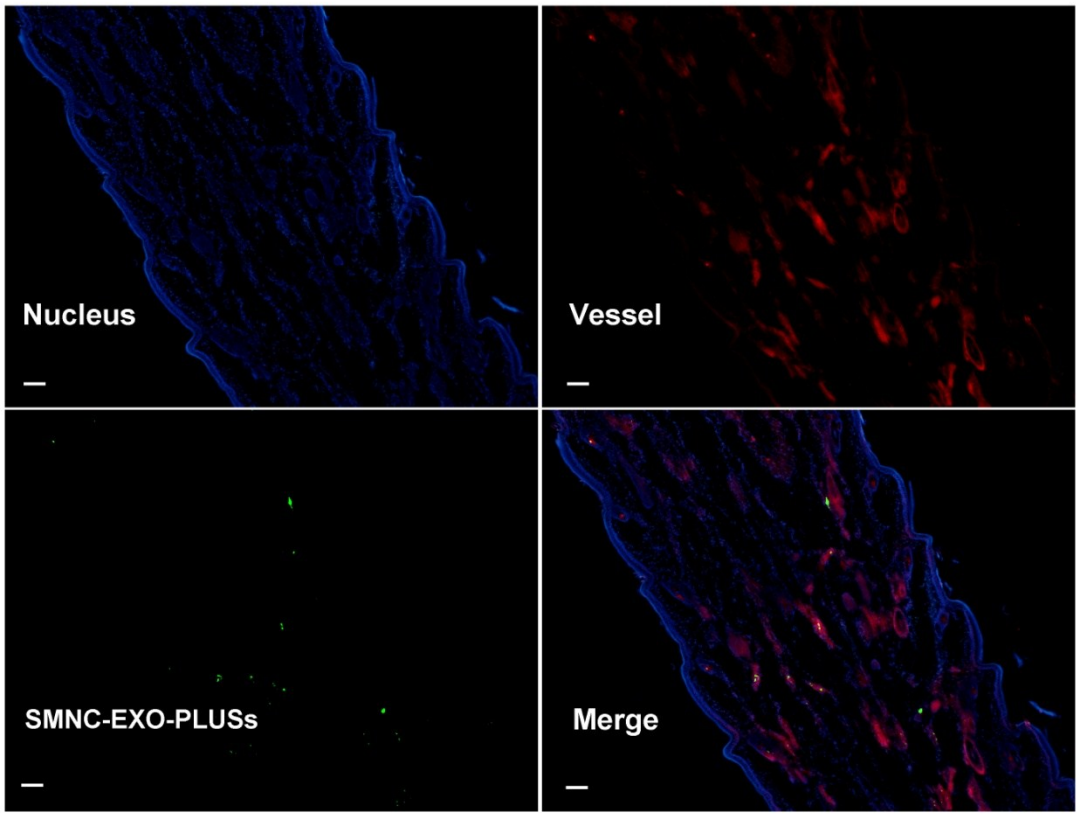

Figure S4. Magnetic retention of SMNC-EXO-PLUSs in blood vessels of mice tail without treatment.

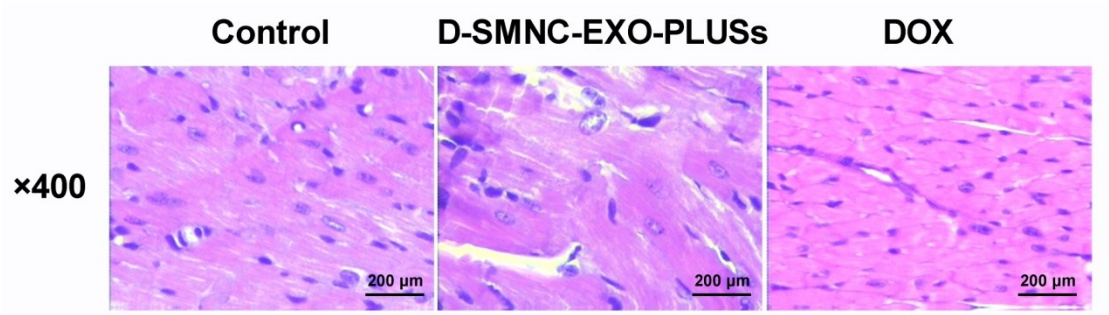

Figure S5. Histological sections of heart stained with hematoxylin and eosin.

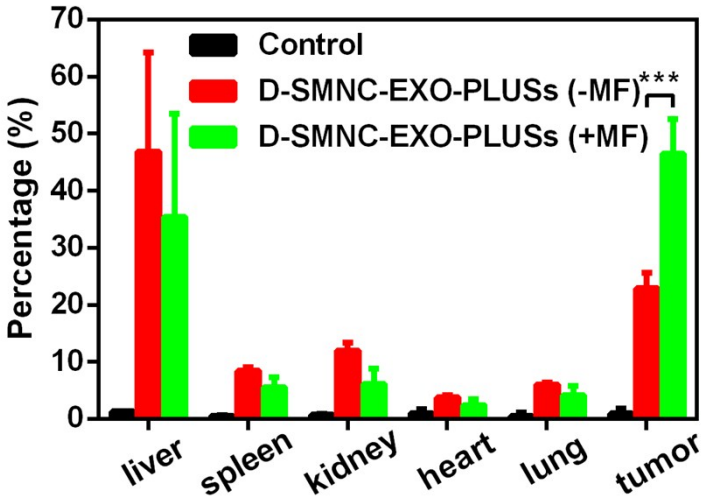

Figure S6. Radiant efficiency of Cy5.5-labeled D-SMNC-EXO-PLUSs in tumors and major organs, significance level is shown as ***$p < 0.001$.