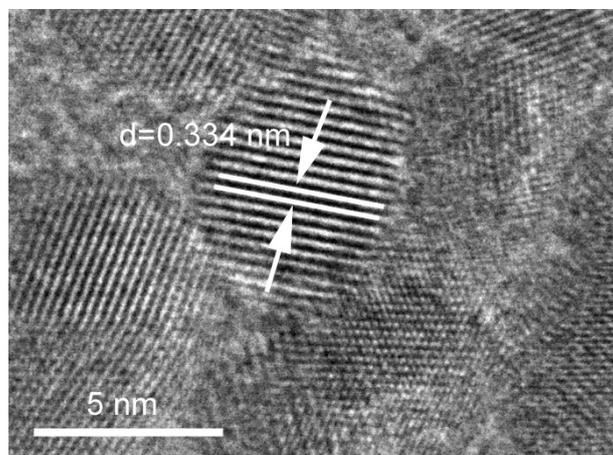
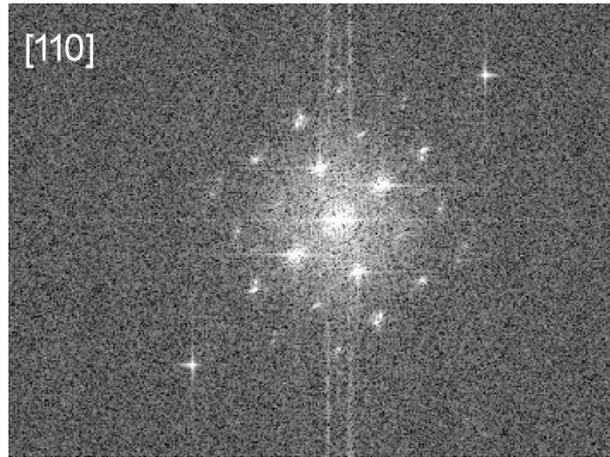


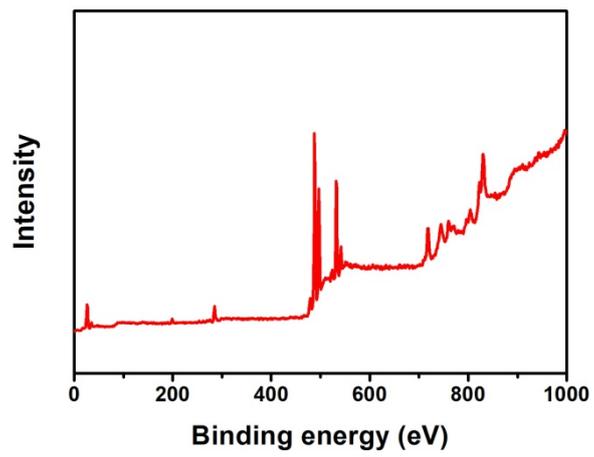
Figure S1. FTIR spectrum of Sb-SnO<sub>2</sub> nanocrystals.



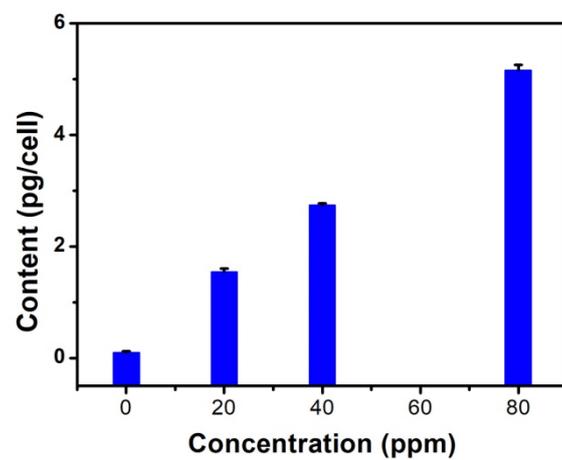
**Figure S2.** HRTEM image of Sb-SnO<sub>2</sub> nanocrystals.



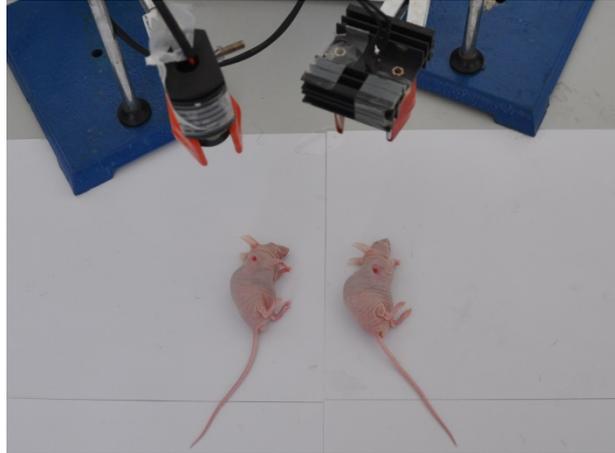
**Figure S3.** Fast Fourier transform image of Sb-SnO<sub>2</sub> nanocrystals obtained from Figure S2.



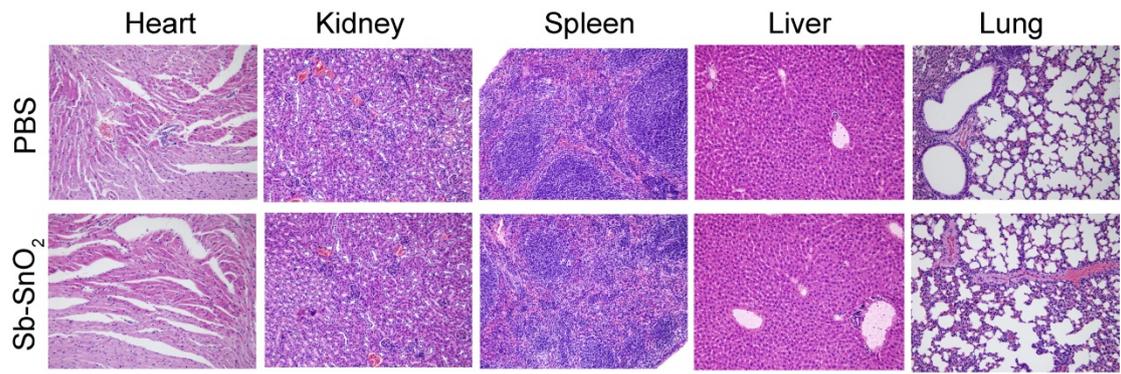
**Figure S4.** XPS spectra of Sb-SnO<sub>2</sub> nanocrystals.



**Figure S5.** Cellular uptake in vitro of the Sb-SnO<sub>2</sub> nanocrystals with different concentrations.

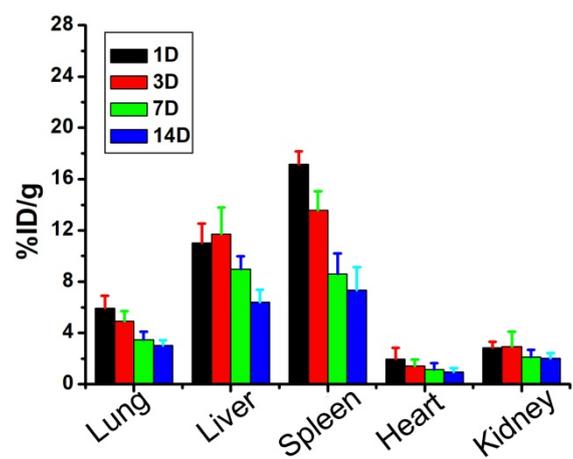


**Figure S6.** Photograph showing the typical experimental setup for in vivo photothermal therapy of cancer cells.



**Figure S7.** H&E stained slices of main organs. Magnification: 100 times.

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**Figure S8.** Biodistribution of tin determined by ICP-AES (n = 4) in major organs.