

Highly versatile SPIONs encapsulated PLGA nanoparticles as photothermal ablaters of cancer cells and as multimodal imaging agents

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Supplementary Information

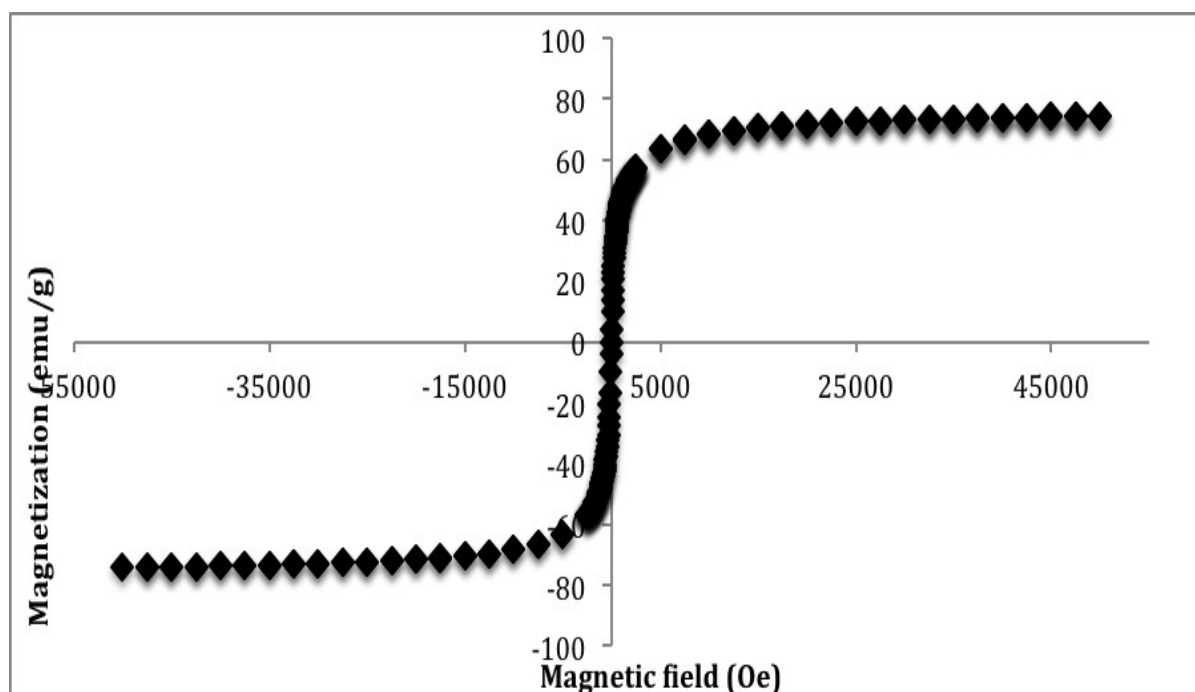


Fig. S1 SQUID analysis of bare SPIONs.

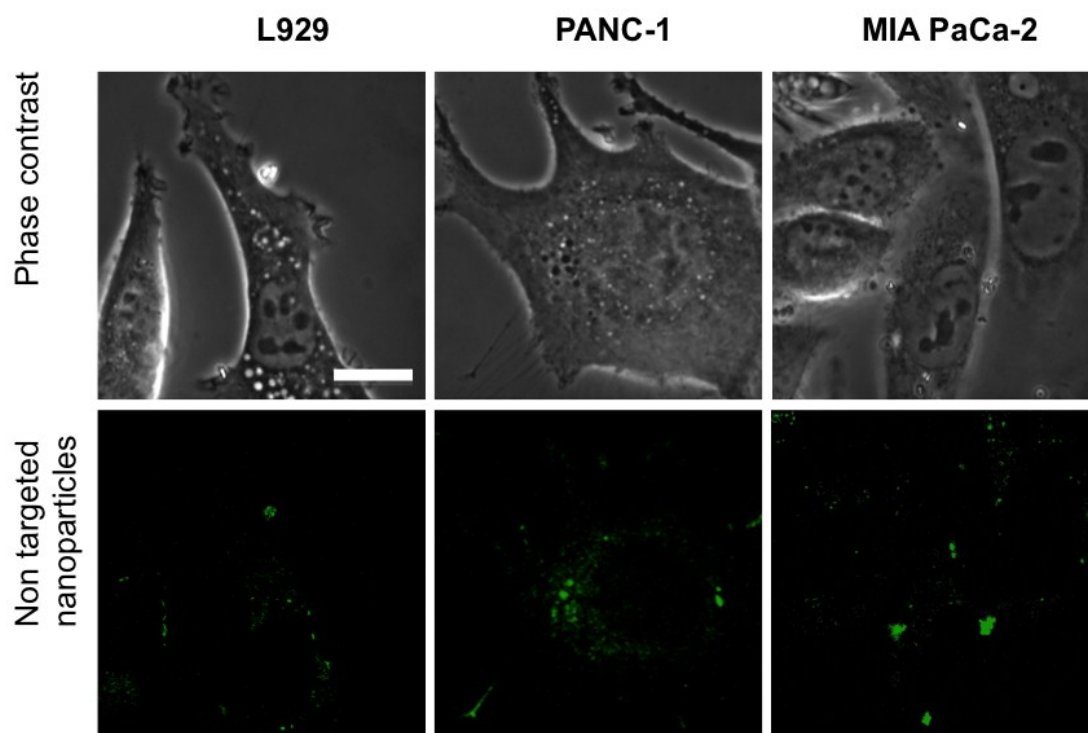


Fig. S2 Optical imaging: Confocal laser scanning images of internalization of non-targeted nanocomposites in L929, PANC-1 and MIAPaCa-2 cell lines (scale 20 μm).

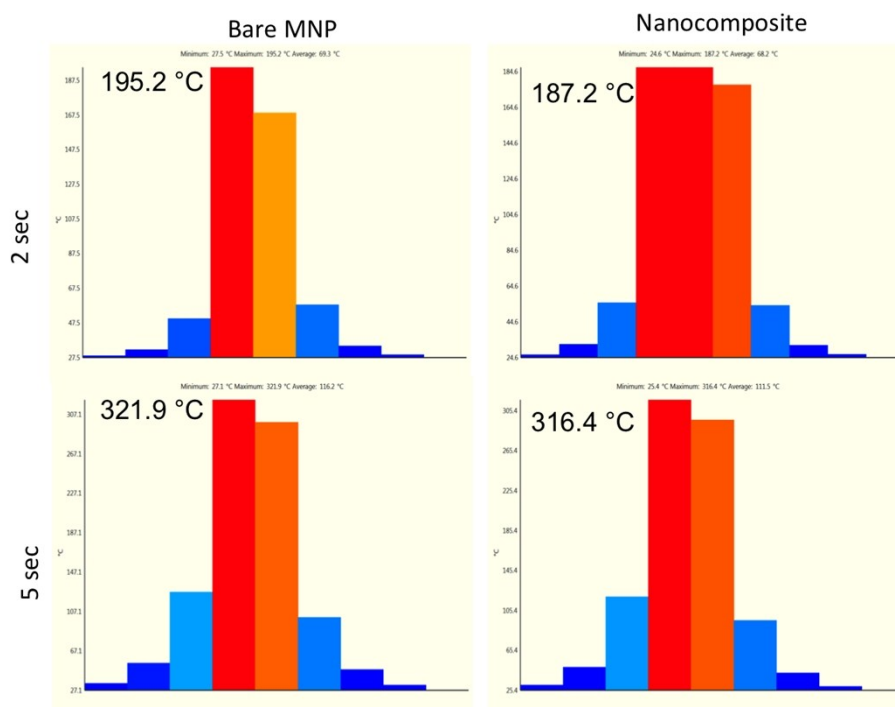


Fig. S3 Temperature profile of powder samples of bare MNPs and nanocomposite

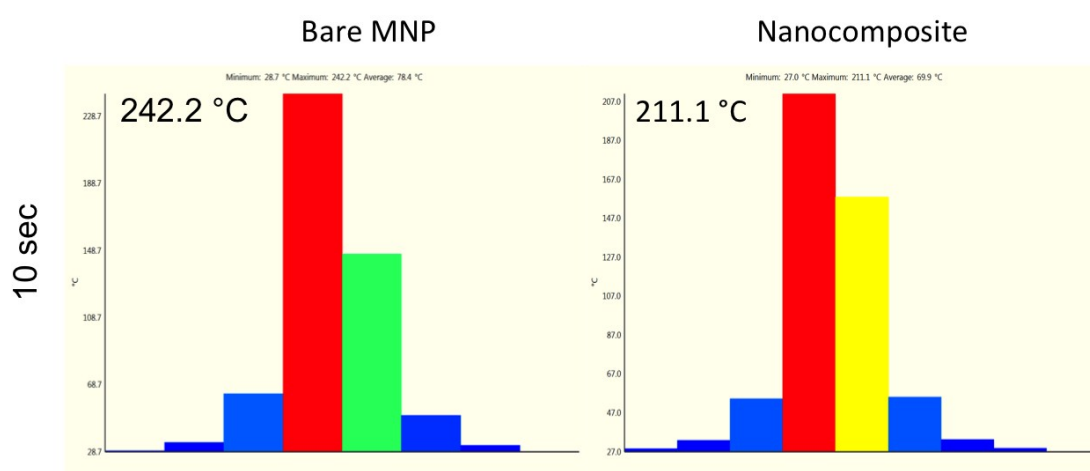


Fig. S4 Temperature profile of samples in suspension; 200 μ L of bare MNPs and nanocomposite

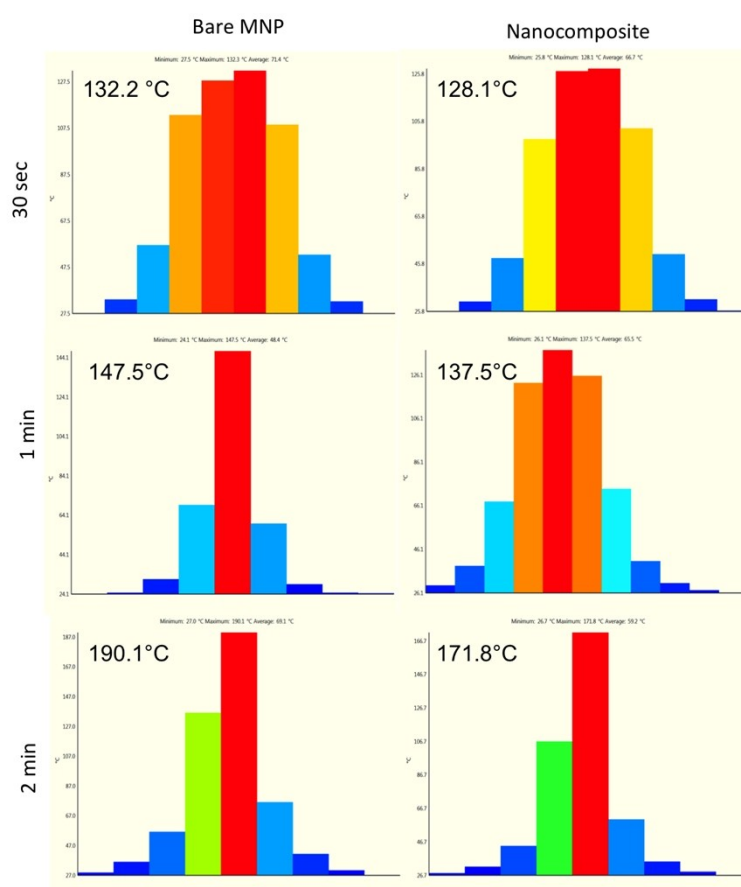


Fig. S5 Temperature profile of samples in suspension; 100 μ L of bare MNPs and nanocomposite

Concentration (ug/mL)	T2 (msec)	R2=1/T2 (msec ⁻¹)
150	134.747	0.007421316
300	77.442	0.01291289
450	66.7109	0.014990054
Magnevist 469	271.2685	0.003686385

Table T1: The R2 relativity of Nanocomposite.