

## Supporting Information

# Magnetic carbon nanotubes for self-regulating temperature hyperthermia †

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**Table 1s** The theoretical and measured element ratios of MNPs and MCNTs

Sample name	Theoretical molar ratio (Zn:Co:Cr:Fe)	Measured molar ratio (Zn:Co:Cr:Fe)
<i>MNPs</i>	0.54:0.46:0.6:1.4	0.539:0.461:0.54:1.46
<i>MCNTs</i>	0.54:0.46:0.6:1.4	0.545:0.455:0.56:1.44

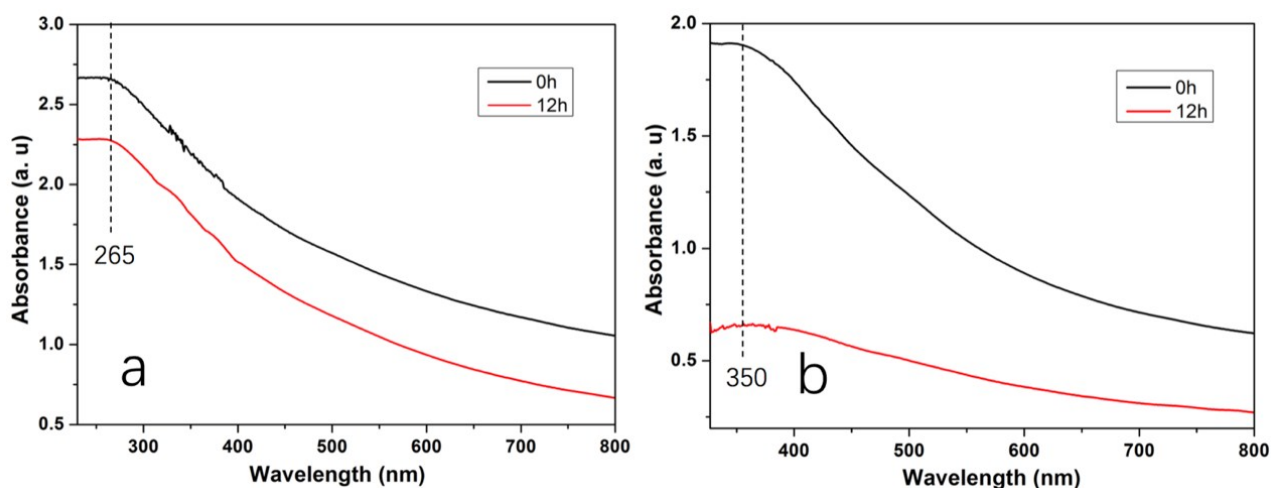
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† Electronic supplementary information available: Table S1-The theoretical and measured element ratios of MNPs and MCNTs, Figure S1- UV-vis spectra of MNPs and MCNTs aqueous solution at the moment of dispersion and after 12 h.





**Figure 1s** (a) UV-vis spectra of MCNTs aqueous solution at the moment of dispersion and after 12 h; (b) UV-vis spectra of MNPs aqueous solution at the moment of dispersion and after 12 h.