

Article

Albumin Stabilized Fe@C Core–Shell Nanoparticles as Candidates for Magnetic Hyperthermia Therapy

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Appendix A

Supplementary information

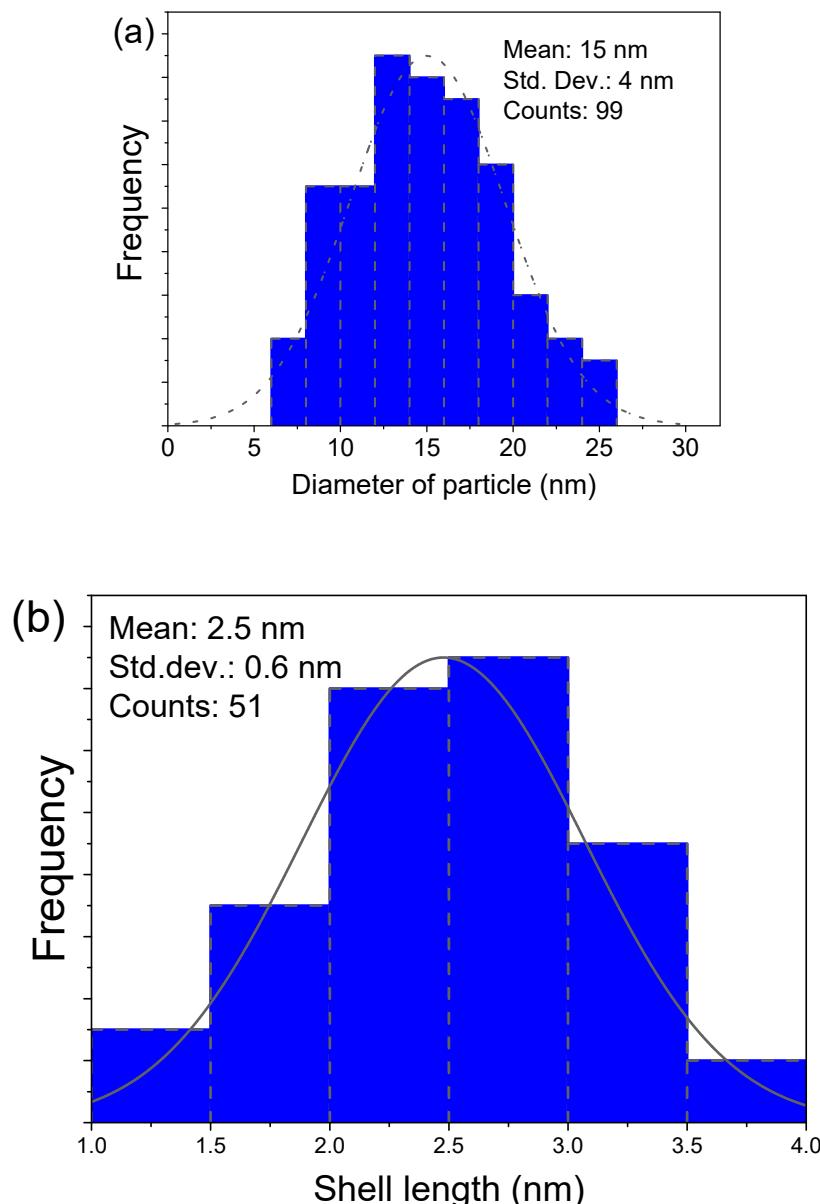


Figure S1 a) Particle size distribution and b) shell diameter of Fe@C nanoparticles

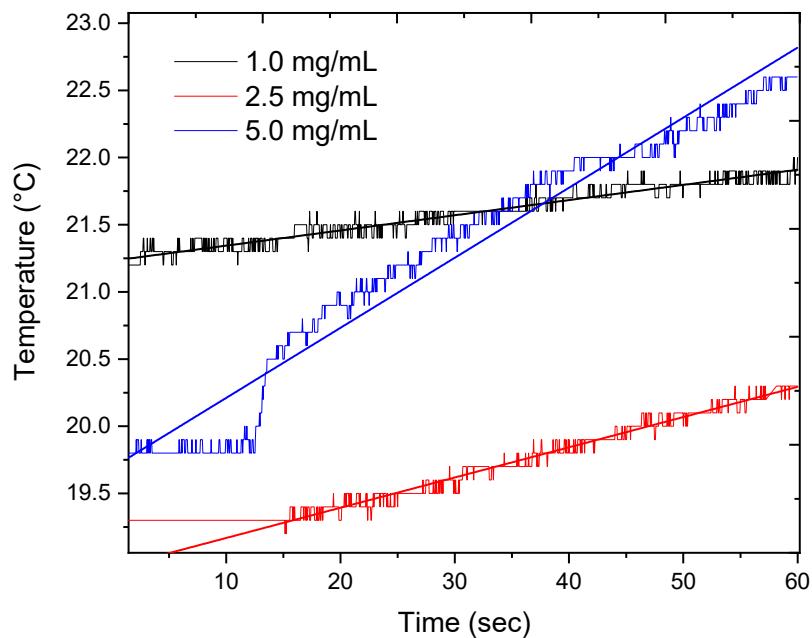


Figure S2. Temperature variation as a function of time for aqueous suspension of BSA-NPs with different concentrations of 1, 2.5 and 5.0 mg/ml at $H = 752$ Oe and frequency of $f = 331$ kHz.

Table S1. Parameters of linear equation fit of temperature behavior over time.

Concentration, mg/mL	Linear equation	R ²	Standard error
1.0	$y=1.5x+21.23$	0.94	0.002
2.5	$y=2.5x+18.95$	0.98	0.004
5.0	$y=5.5x+19.69$	0.96	0.009