

Supporting Information

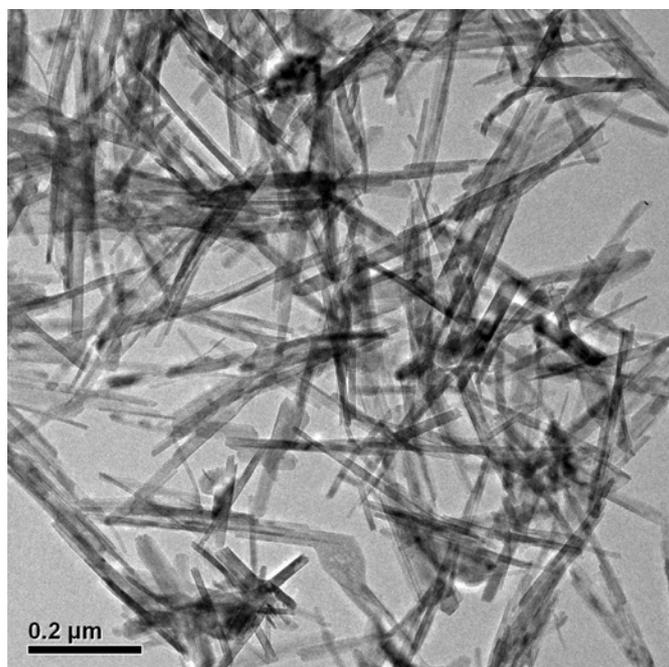
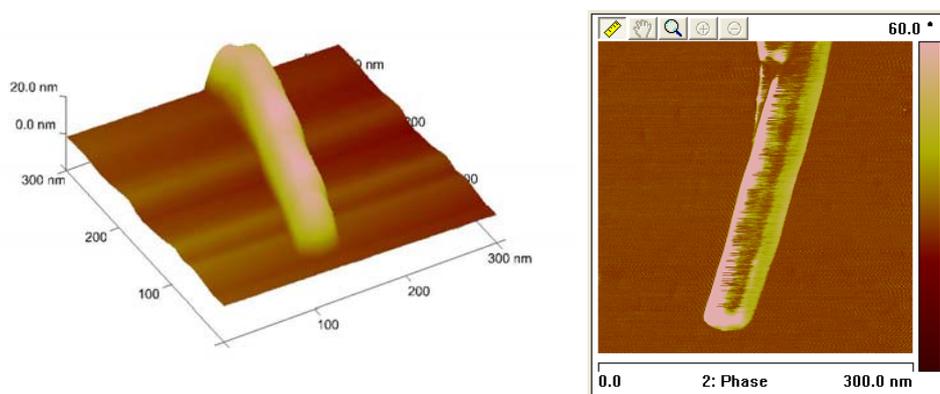


Figure S1. TEM image of the synthesized α -Fe₂O₃ nanobelts (85 °C, 30 min, 5 mL PEG-200)



Figures S2-S3. AFM images of the synthesized α -Fe₂O₃ nanobelts. Height image (left, Figure S2) and phase image (right, FigureS3).

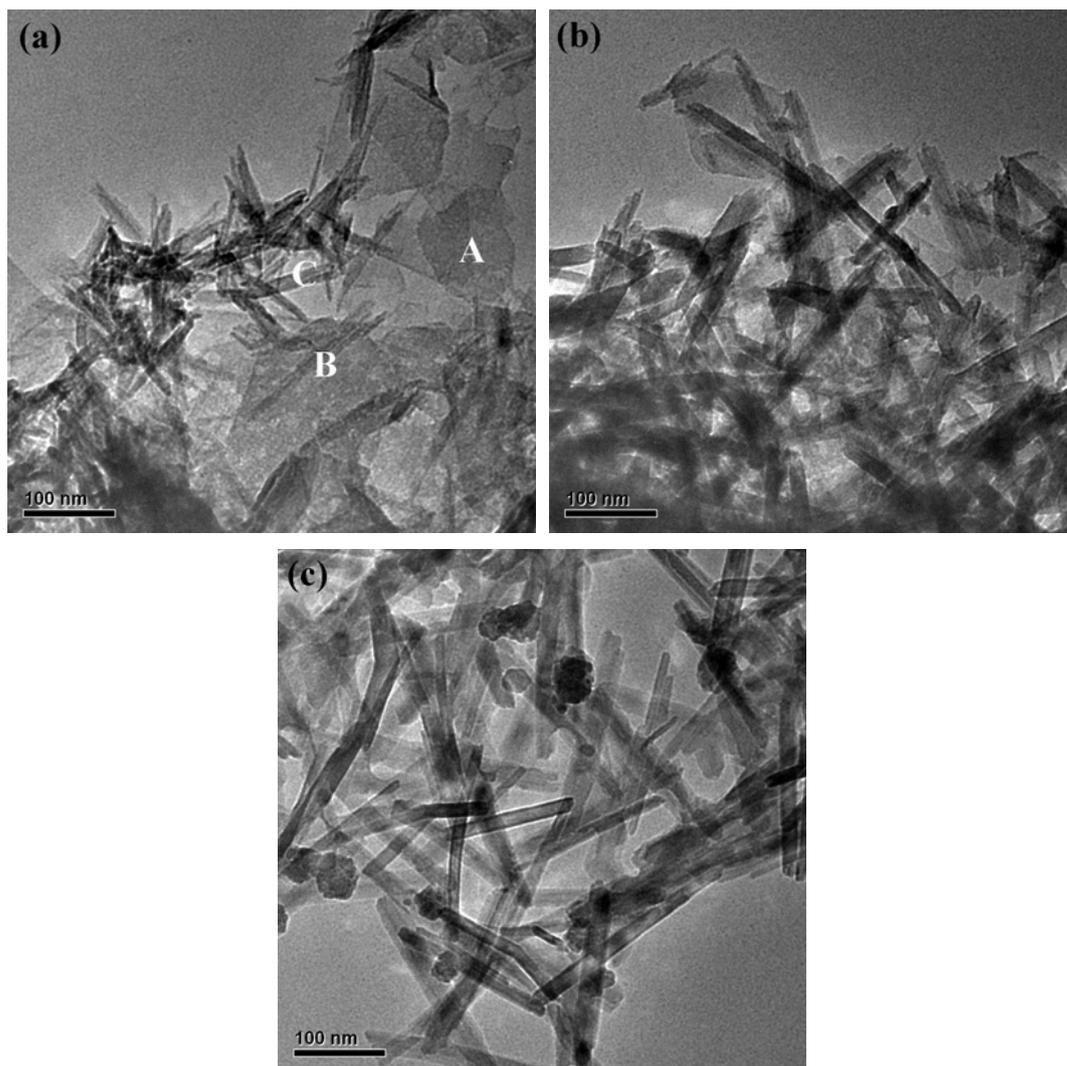


Figure S4. TEM images of the precursors for α - Fe_2O_3 nanobelts formed at (a) room temperature, (b) 50 °C and (c) 85 °C.

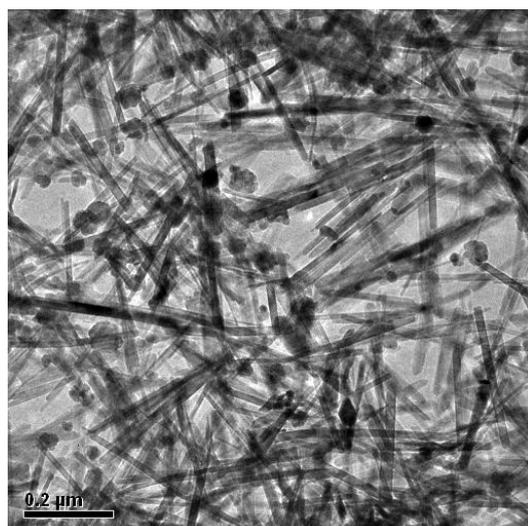


Figure S5. Lower TEM images of α - Fe_2O_3 nanobelts formed at 85 °C for 30 min in the presence of 10 mL PEG-200.

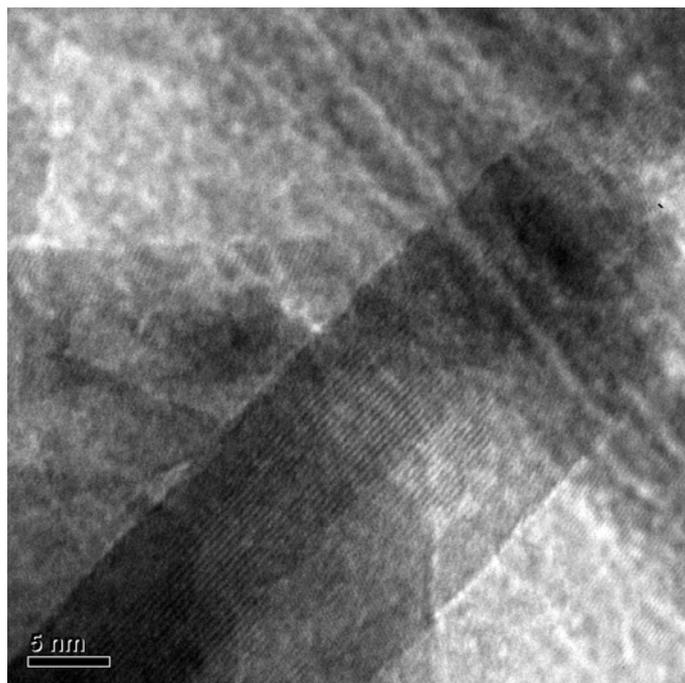


Figure S6. HRTEM images of α -Fe₂O₃ nanobelts formed at 85 °C for 30 min in the presence of 10 mL PEG-200.

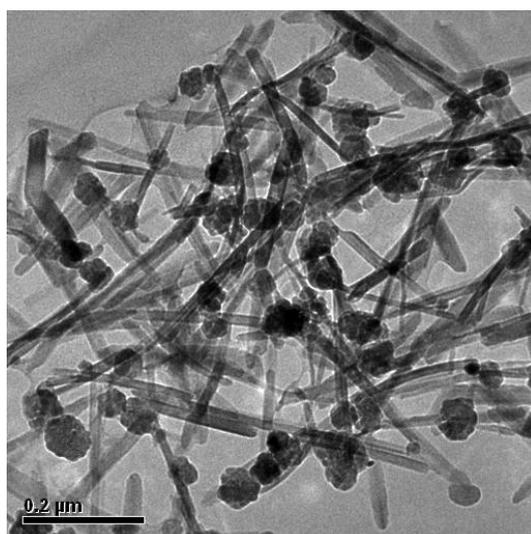


Figure S7. Lower TEM images of α -Fe₂O₃ nanobelts formed at 85 °C for 30 min in the presence of 15 mL PEG-200.

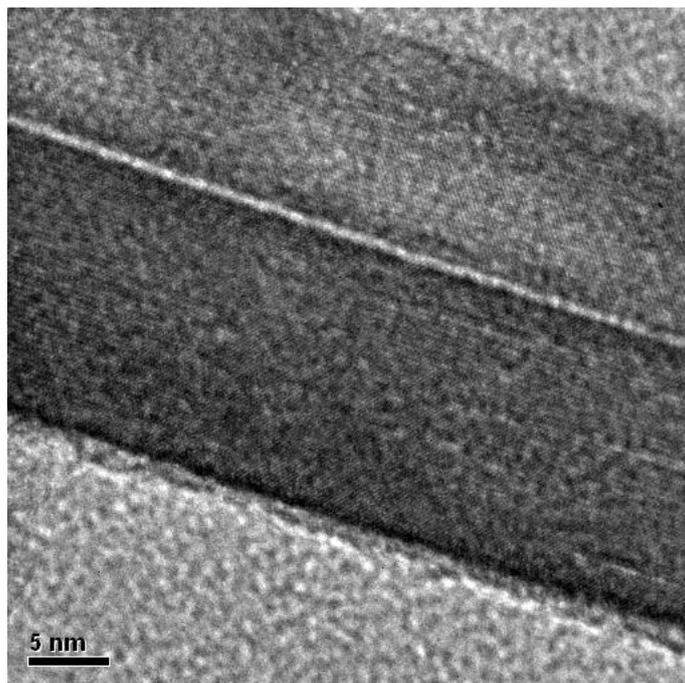


Figure S8. HRTEM images of α -Fe₂O₃ nanobelts formed at 85 °C for 30 min in the presence of 15 mL PEG-200.