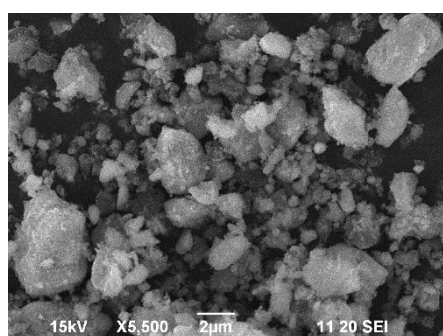
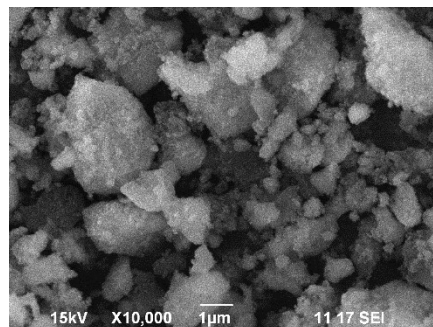


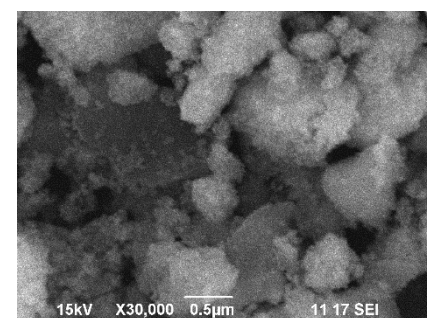
Supplementary Information



(a)

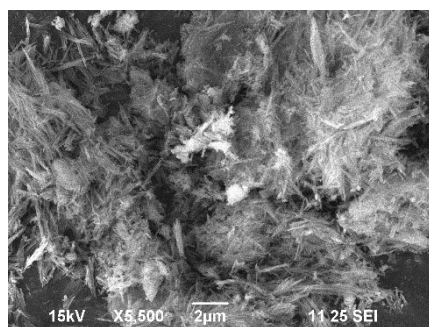


(b)

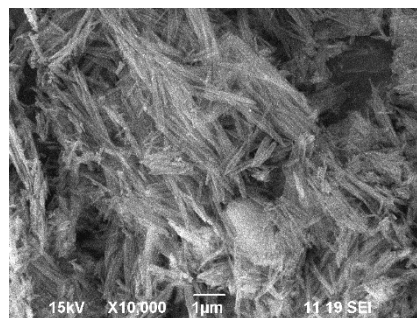


(c)

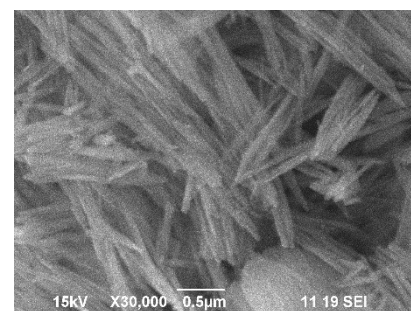
Fig. S1 SEM images of Yb₂O₃ NPs at (a) ×5,000 magnification, (b) ×10,000 magnification, and (c) ×30,000 magnification



(a)

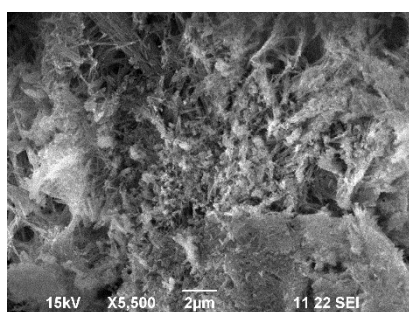


(b)

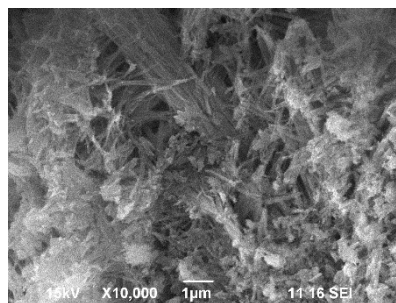


(c)

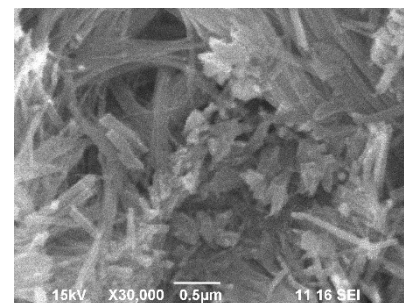
Fig. S2 SEM images of ZnFe₂O₄ NPs at (a) ×5,000 magnification, (b) ×10,000 magnification, and (c) ×30,000 magnification



(a)



(b)



(c)

Fig. S3 SEM images of Binary nanocomposite at (a) ×5,000 magnification, (b) ×10,000 magnification, and (c) ×30,000 magnification