

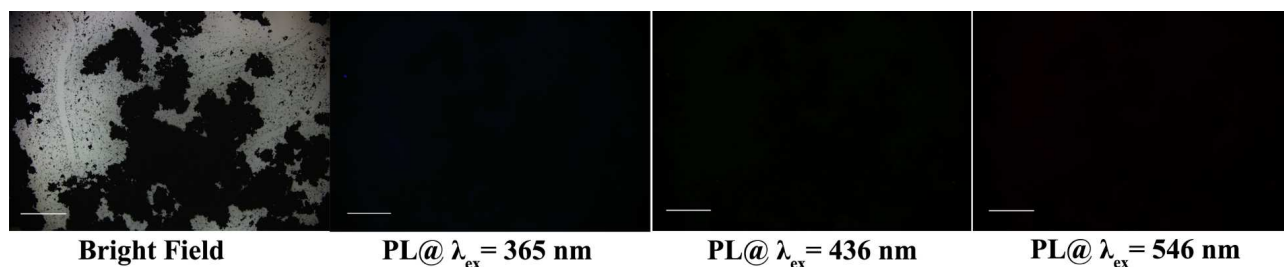
# **Supporting Information**

## **Surface Modification of MnFe<sub>2</sub>O<sub>4</sub> Nanoparticles to Impart Intrinsic Multiple Fluorescence and Novel Photocatalytic Properties**

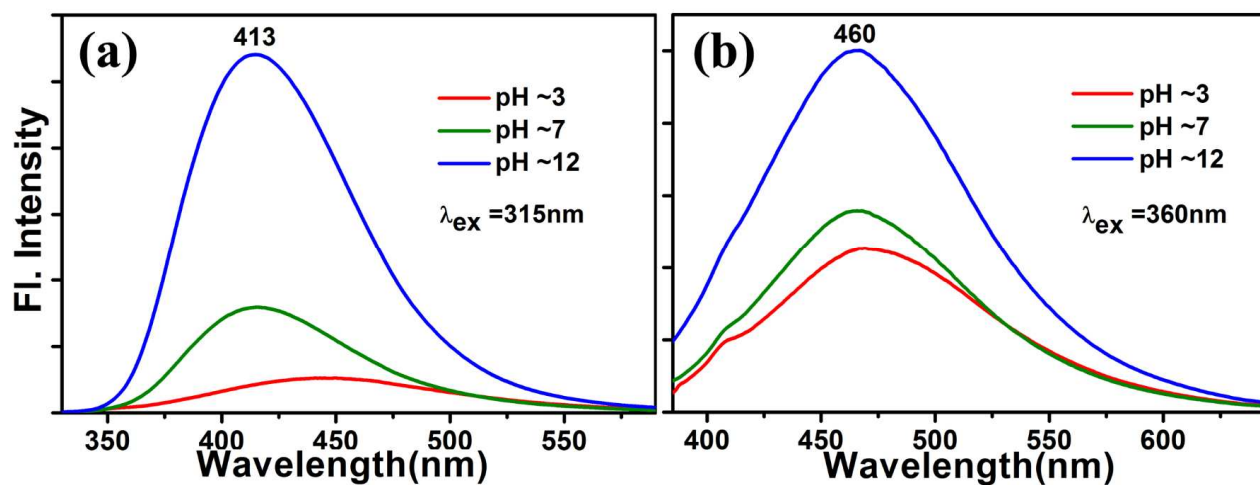
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**Figure S1** Fluorescence micrographs of bare  $\text{MnFe}_2\text{O}_4$  NPs under bright field, UV, blue and green light. The scale bars in all the images are 500  $\mu\text{m}$ .



**Figure S2** (a) and (b) show the decrease of fluorescence intensity at emission maxima of T- $\text{MnFe}_2\text{O}_4$  NPs at 413 and 460 nm upon excitation at 315 and 360 nm respectively with decrease in pH of the system upon addition of hydrochloric acid (HCl).