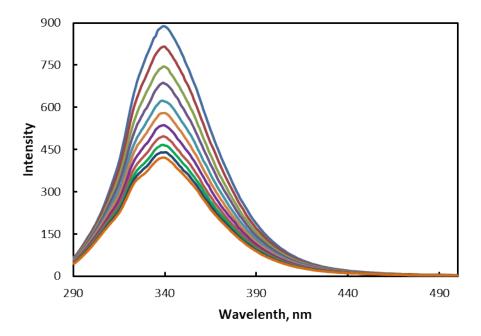
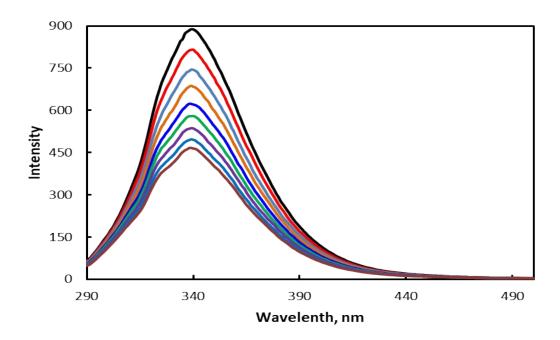
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## **Supplementary data**



**Fig. S1.** Fluorescence spectra of BSA (2.5  $\mu$ M) upon the addition of Ag-doped TiO<sub>2</sub> NPs from 0 to 2.25  $\mu$ M at 300 K in the presence of digitoxin (2.5  $\mu$ M).



**Fig. S2.** Fluorescence spectra of BSA (2.5  $\mu$ M) upon the addition of Ag-doped TiO<sub>2</sub> NPs from 0 to 2.25  $\mu$ M at 300 K in the presence of ibuprofen (2.5  $\mu$ M).

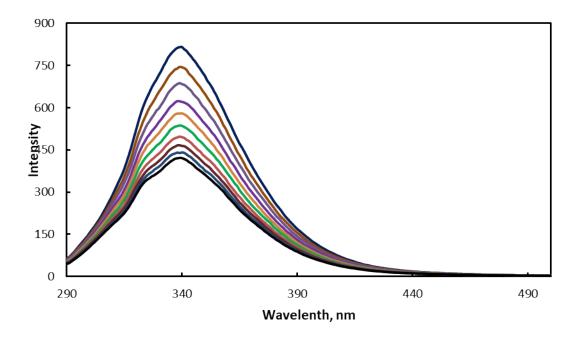


Fig. S3. Fluorescence spectra of BSA (2.5  $\mu$ M) upon the addition of Ag-doped TiO<sub>2</sub> NPs from 0 to 2.25  $\mu$ M  $\mu$ M at 300 K in the presence of warfarin (2.5  $\mu$ M).