



**Figure S1.** Flow cytometry dot plots of cellular uptake analysis of SH-SY5Y cells after 6 h (a-c) and 24 h (d-f) treatments. (a,d) Control cells; (b,e) cells treated with 100 µg/mL TiO<sub>2</sub> NPs in the absence of Cyt-B; (c,f) cells treated with 100 µg/mL TiO<sub>2</sub> NPs in the presence of 6 µg/mL Cyt-B. R2: Region of cells containing NPs.