

Intrinsic therapeutic and biocatalytic Roles of ionic liquid mediated self-assembled platinum-phytase nanosphere

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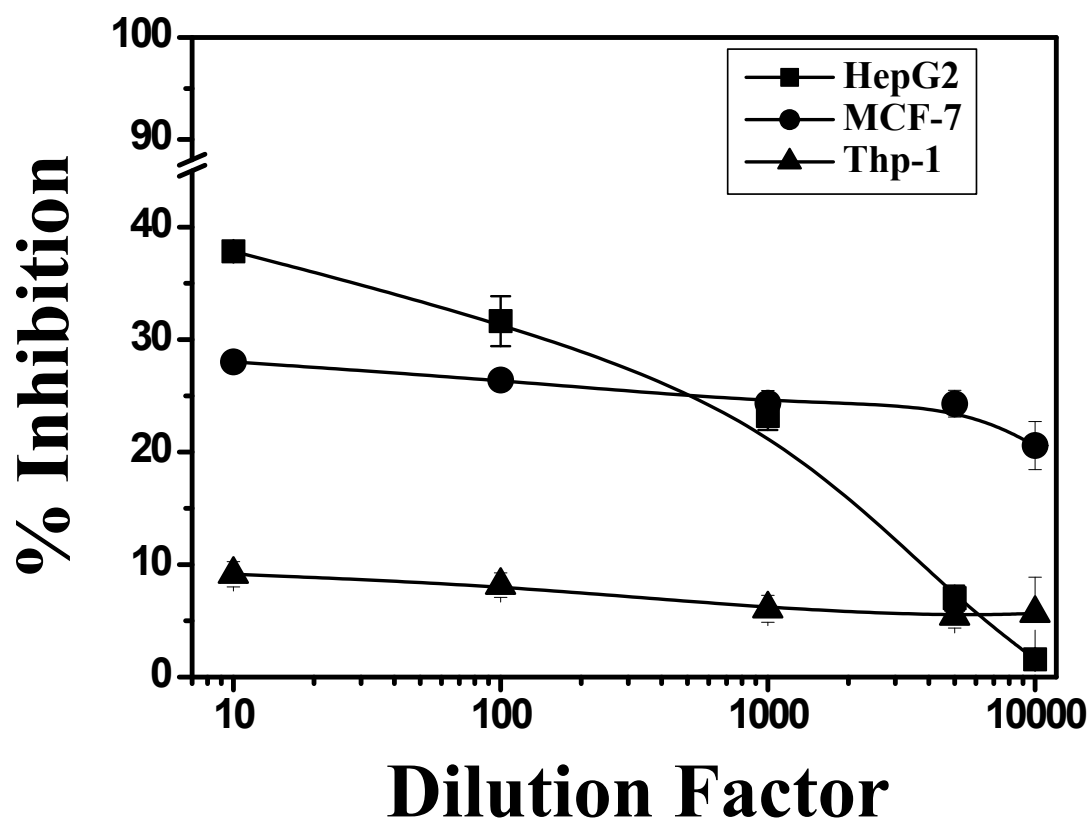


Figure S1. Cytotoxicity of K_2PtCl_6 (10^{-3} M) on HepG2 human hepatocellular carcinoma, MCF-7 breast cancer and THP-1 human acute monocytic leukemia cells. 5 μ l of sample was used for 2×10^4 cancer cells.

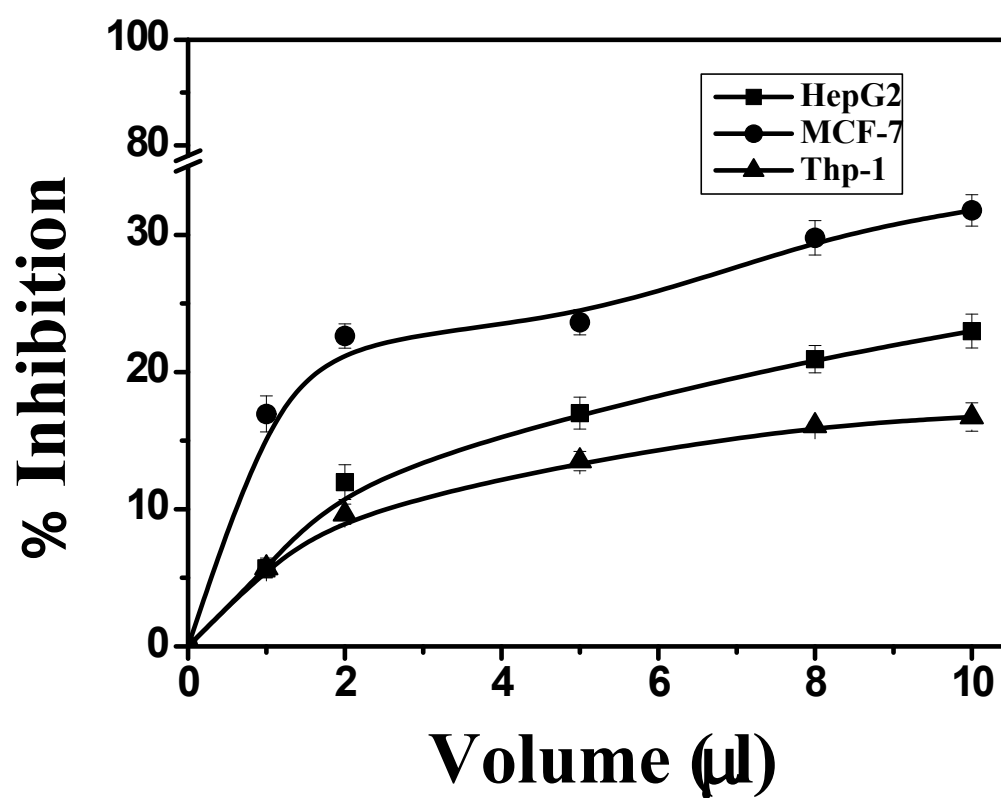


Figure S2. Cytotoxicity of Oleic acid (undiluted) on inhibition of HepG2 human hepatocellular carcinoma, MCF-7 breast cancer and THP-1 human acute monocytic leukemia cells.

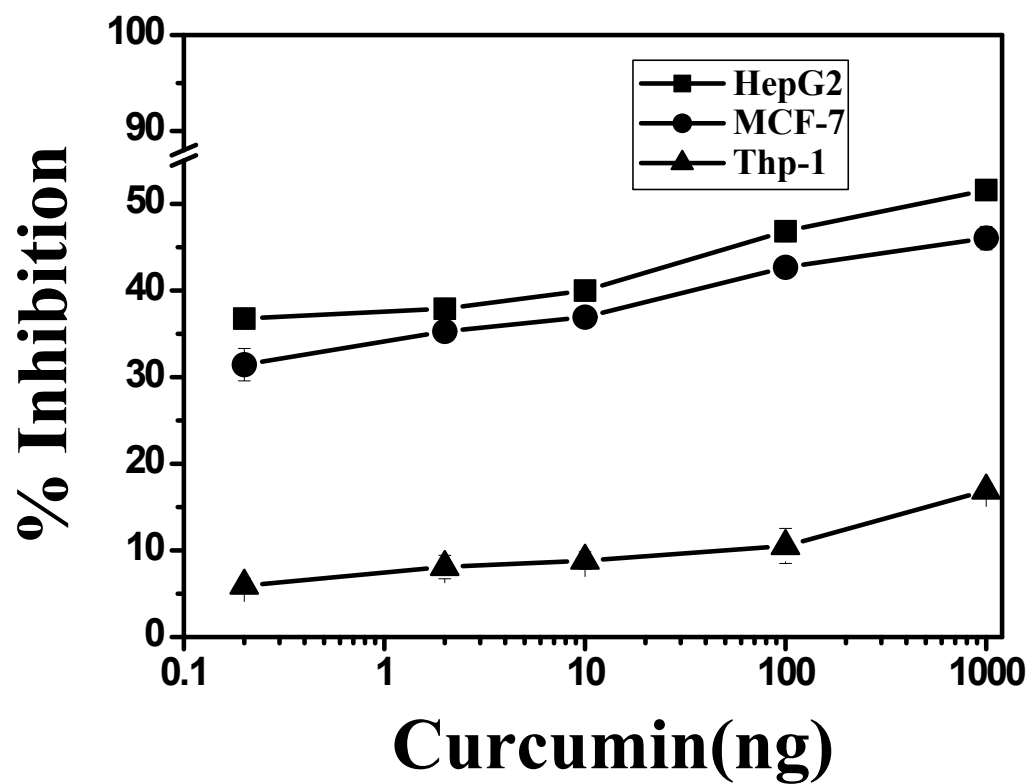


Figure S3. Cytotoxicity of Curcumin (dissolved in Oleic acid) on inhibition of HepG2 human hepatocellular carcinoma, MCF-7 breast cancer and THP-1 human acute monocytic leukemia cells. 5 μ l of sample was used for 2×10^4 cancer cells.

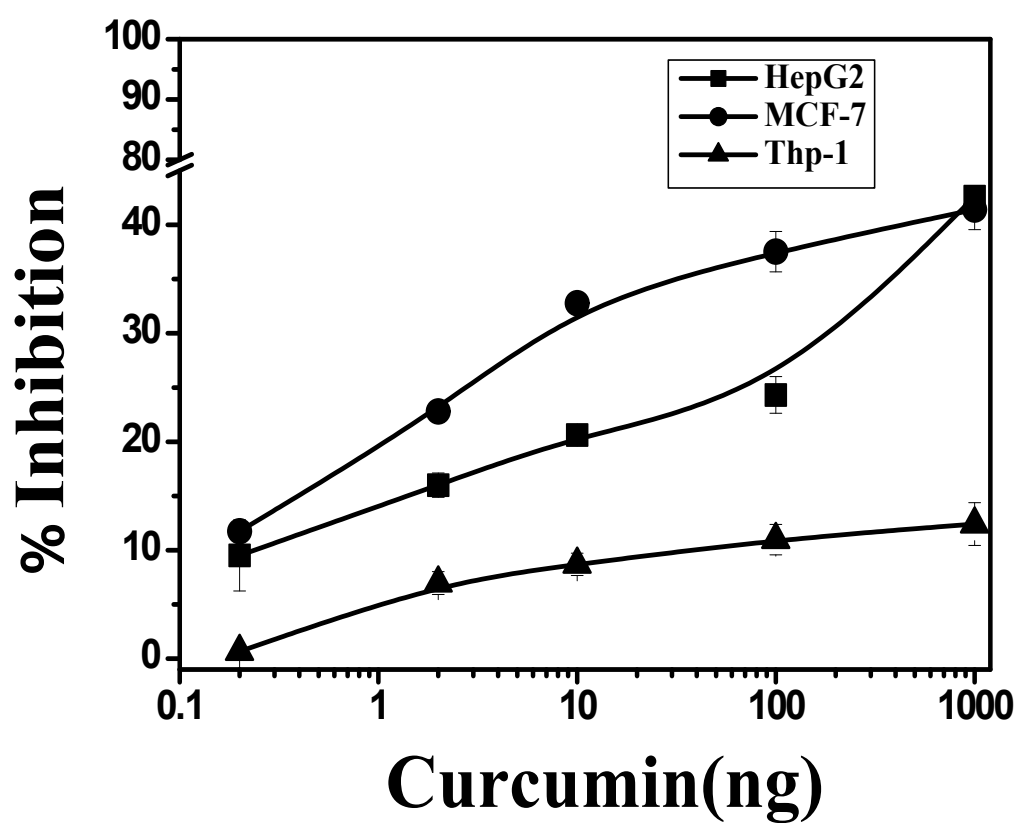


Figure S4. Cytotoxicity of Curcumin (dissolved in D/W) on inhibition of HepG2 human hepatocellular carcinoma, MCF-7 breast cancer and THP-1 human acute monocytic leukemia cells. 5 μ l of sample was used for 2×10^4 cancer cells.

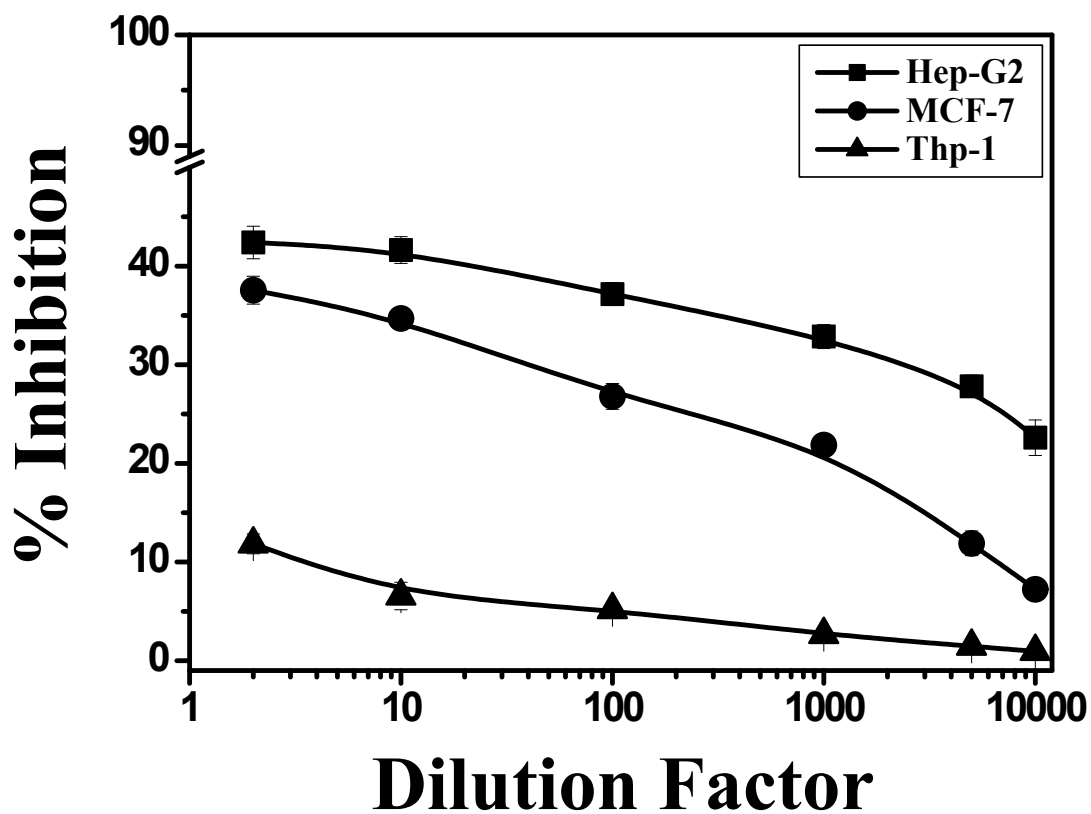


Figure S5. Cytotoxicity of Ionic Liquid [BMIM][BF₄] (diluted in D/W) on inhibition of HepG2 human hepatocellular carcinoma, MCF-7 breast cancer and THP-1 human acute monocytic leukemia cells. 5 μ l of sample was used for 2×10^4 cancer cells.

F. N: Every experimental point value is in triplicate.

Incubation time: HepG2 cell: 4 days, MCF-7 cell: 7 days, THP-1 cell: 5 days