

Magneto-mechanical treatment of human glioblastoma cells with engineered iron oxide microparticles for triggering apoptosis

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Supporting info

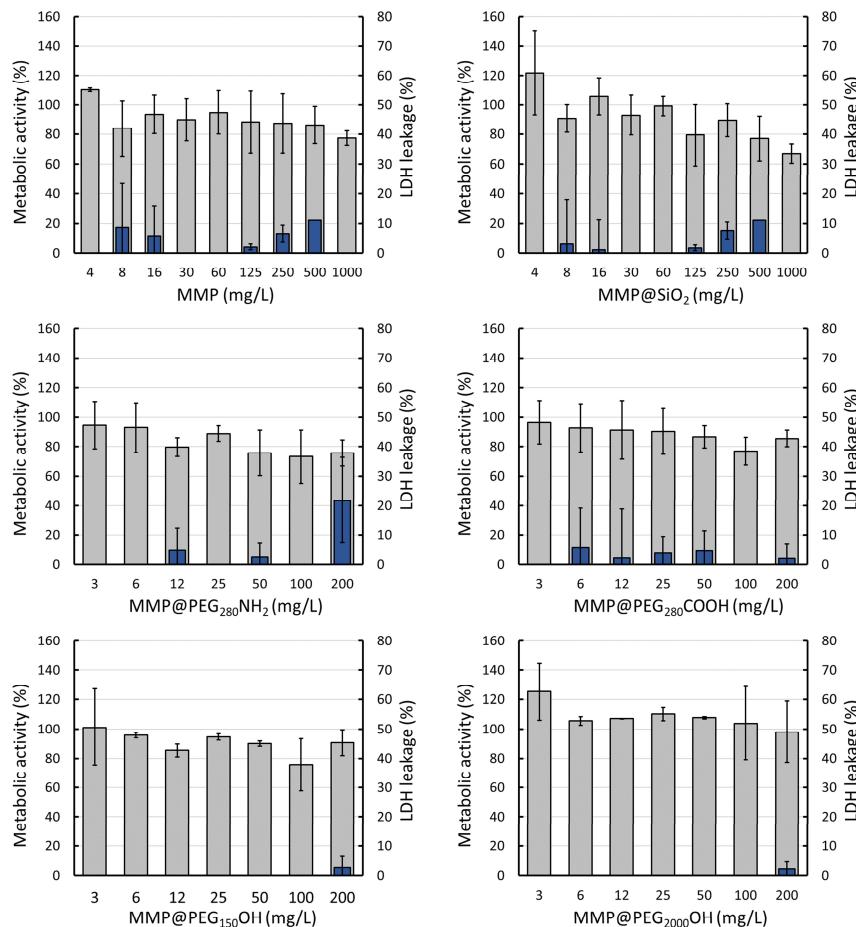


Fig. S1 Metabolic activity (grey) and LDH leakage (blue) of U87-MG cells after 24 h incubation with (a) MMP; (b) MMP@SiO₂; (c) MMP@PEG₂₈₀NH₂; (d) MMP@PEG₂₈₀COOH; (e) MMP@PEG₁₅₀OH; (f) MMP@PEG₂₀₀₀OH. The LDH leakage for samples with no reported result was not significant.

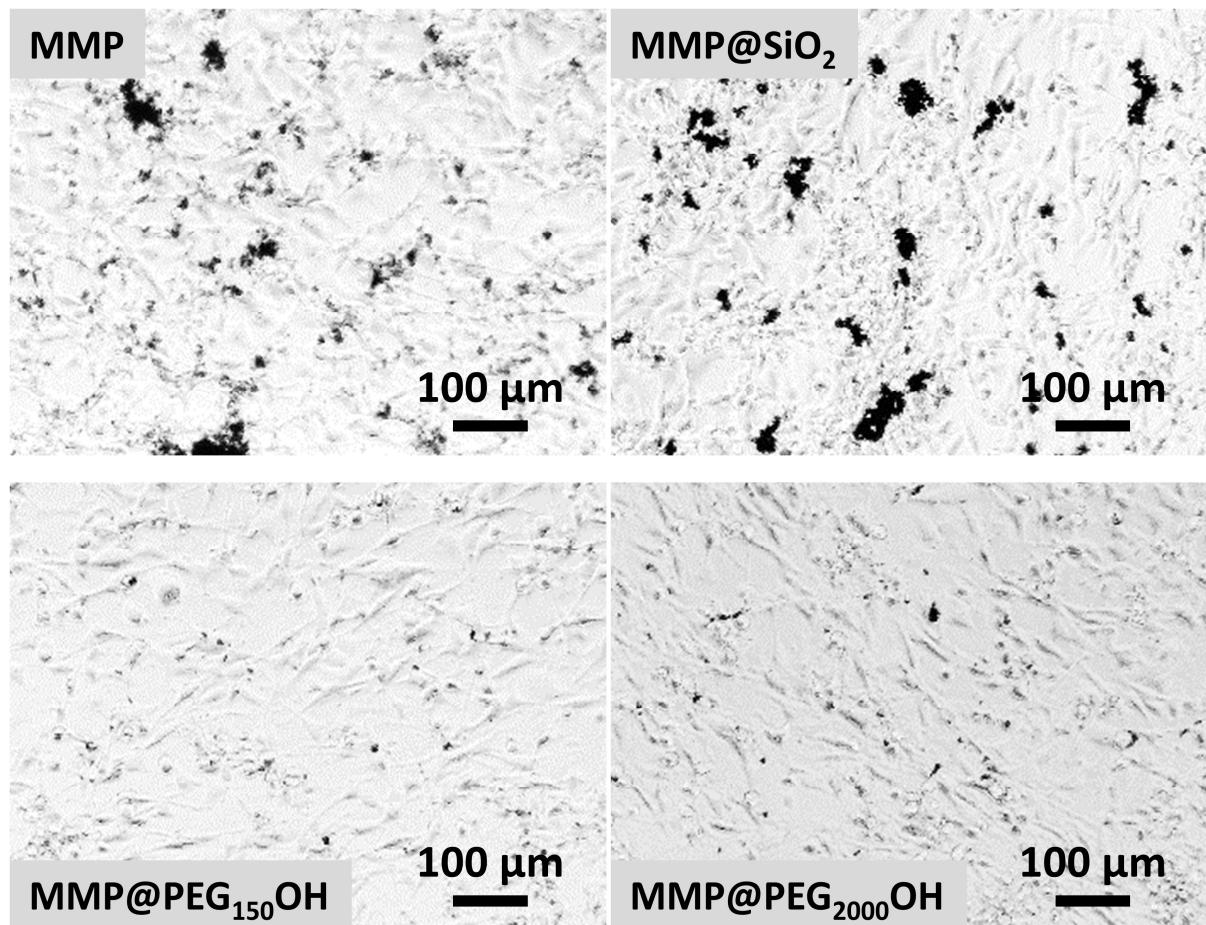


Fig. S2 particles dispersion in cell culture medium. Cells are exposed to 50 $\mu\text{g}/\text{mL}$ of MMP, MMP@SiO₂, MMP@C₆PEG₁₅₀OH and MMP@PEG₂₀₀₀OH, which are visible as large aggregates (MMP and MMP@SiO₂) or smaller and better dispersed aggregates (PEGylated MMP).