Supporting Information for

## Micro-Optical Coherence Tomography Tracking of Magnetic Gene Transfection via Au-Fe<sub>3</sub>O<sub>4</sub> Dumbbell Nanoparticles

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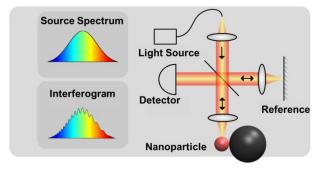
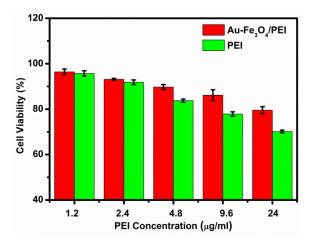


Figure S1: Schematic of µOCT



**Figure S2:** Cytotoxicity study of Au-Fe<sub>3</sub>O<sub>4</sub>/PEI NPs and PEI with HEK 293T cells with the 24 hour incubation