

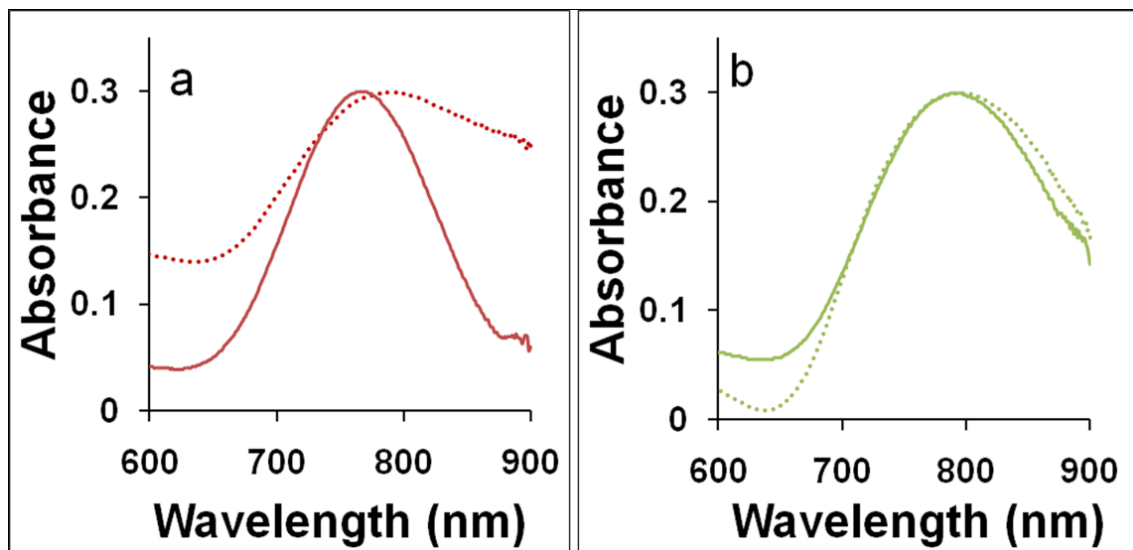
## Multilayer coating of gold nanorods for combined stability and biocompatibility

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Supplementary Materials



**Figure S1:** Absorption spectra of GNR@SH-PEG (a) and GNR@SiO<sub>2</sub>@PE-PEG (b) in aqueous solution (solid line) and in cells (dashed lines). The spectrum of GNR@SH-PEG inside cells is broadened and redshifted by ~20 nm, whereas that of GNR@SiO<sub>2</sub>@PE-PEG shows negligible changes before and after cell uptake.