

SUPPLEMENTAL INFORMATION

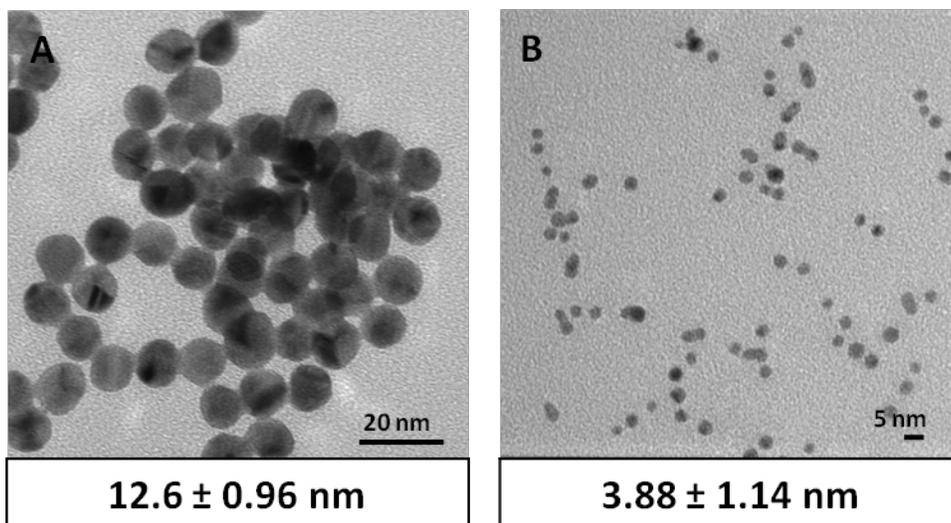


Figure S1. TEM Imaging of 13 nm and 4 nm Au NPs. (A) 13 nm Au NPs imaged at 200K X magnification. (B) 4 nm Au NPs imaged at 150K X magnification.

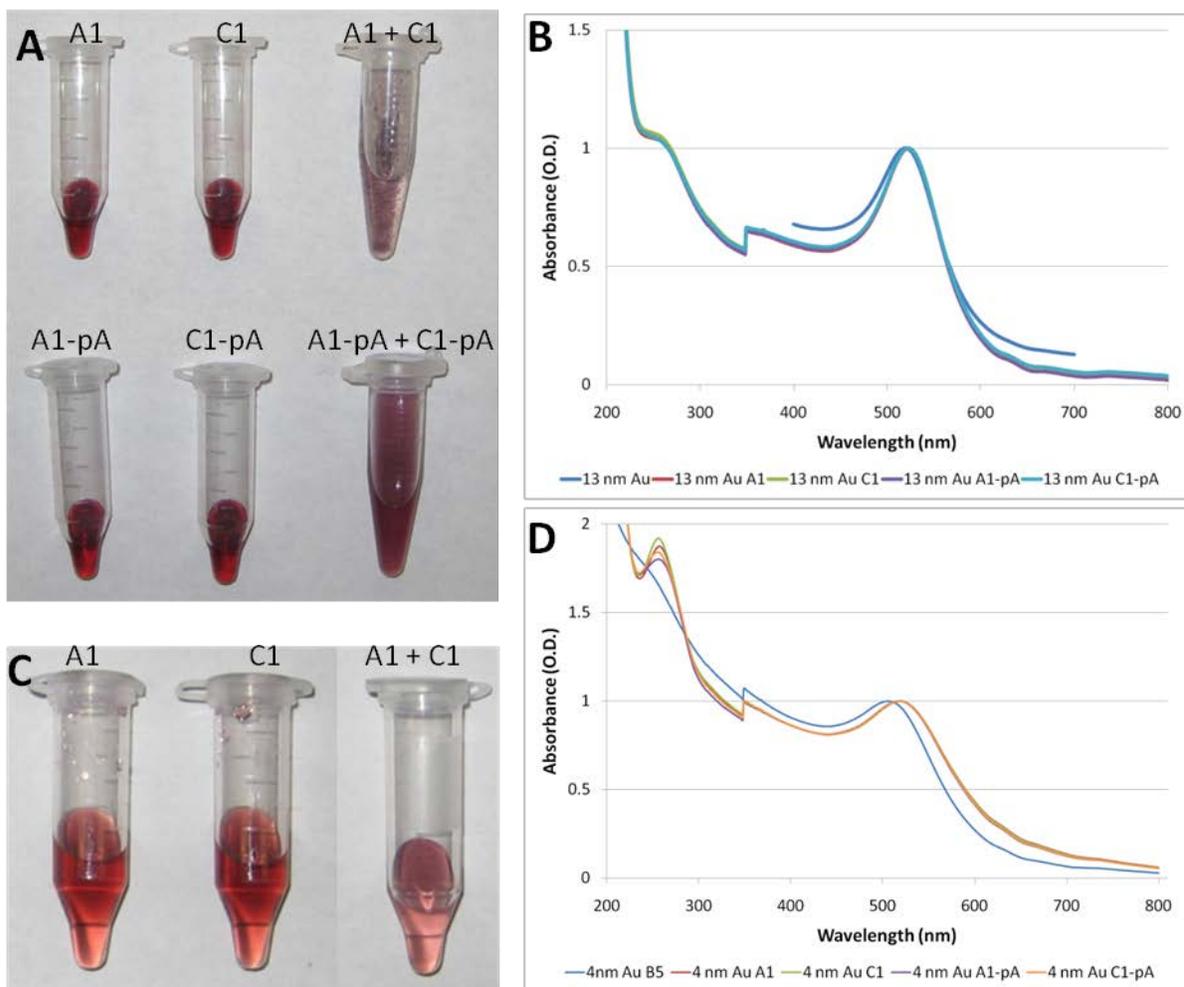


Figure S2. UV-Vis Absorption Spectra of Unfunctionalized and Functionalized Au NPs and Digital Images. (A) Digital images of the 13 nm Au NPs during functionalization/hybridization process. (B) UV-Vis absorption spectra of unfunctionalized and ssDNA functionalized 13 nm Au NPs. (C) Digital images of the 4 nm Au NPs during functionalization/hybridization process. (D) UV-Vis absorption spectra of unfunctionalized and ssDNA functionalized 4 nm Au NPs.

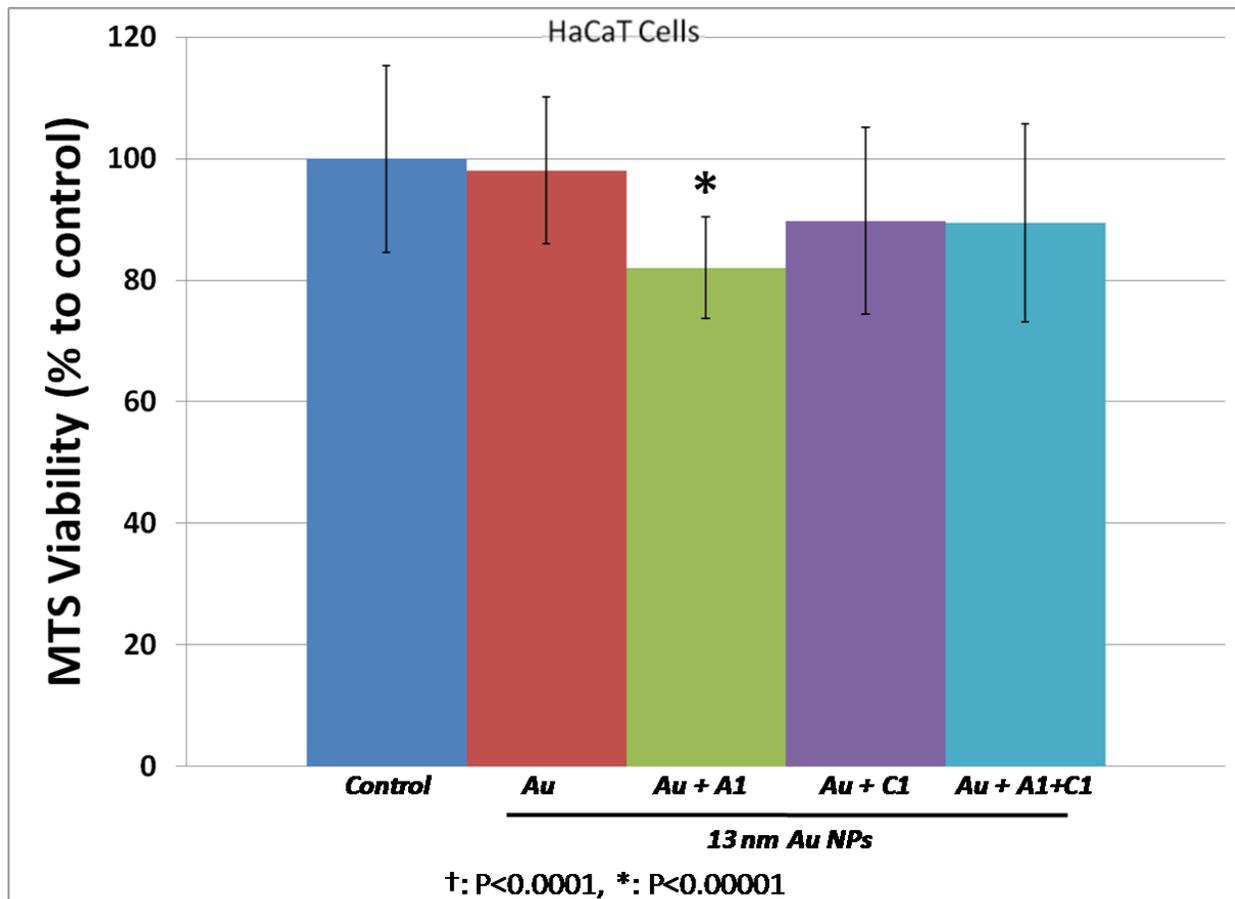


Figure S3. Biocompatibility of Unfunctionalized, Functionalized, and Hybridized 13 nm Au NPs in HaCaT Cells.

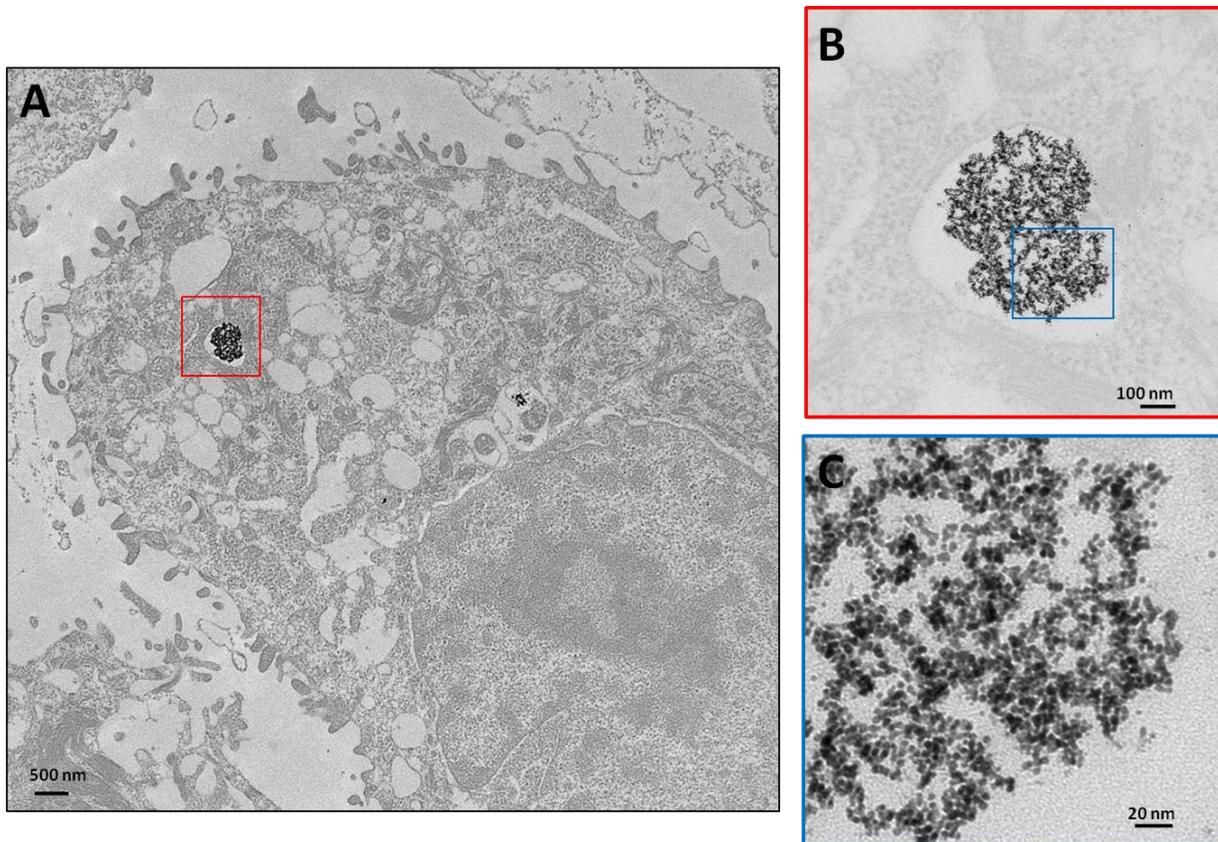


Figure S4. Uptake of Unfunctionalized 4 nm Au NPs into HaCaT Cells. Area imaged in (B) is a magnified area of red outlined area in (A). Area imaged in (C) is a magnified area of blue outlined area in (B).