



## Supporting Information

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Small Gold Nanorods with Tunable Absorption for  
Photothermal Microscopy in Cells

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(D-F). Insets: Corresponding PhI signal histograms constructed from more than 100 single nanorods.

**Figure S3.** (A) White light and (B and C) PhI of COS 7 cells under (B) 532 nm and (C) 640 nm excitations. PhI under 532 nm excitation shows larger mitochondrial absorption compared to 640 nm excitation.

**Figure S4.** Histograms of PhI signals of images displayed in Figure 4: Green COS 7 cells are excited with 532 nm laser, Red excitation at 640 nm. Clearly, PhI under 532 nm excitation shows larger mitochondrial signals (gray area) compared to 640 nm excitation.