

Supporting Information

Influence of Cell Size on Cellular Uptake of Gold Nanoparticles

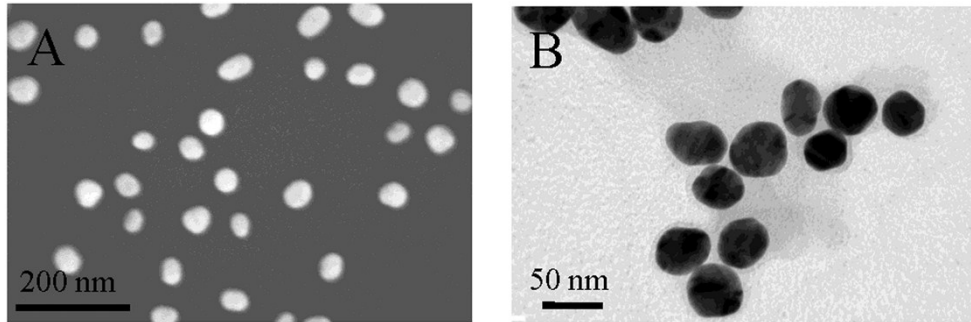
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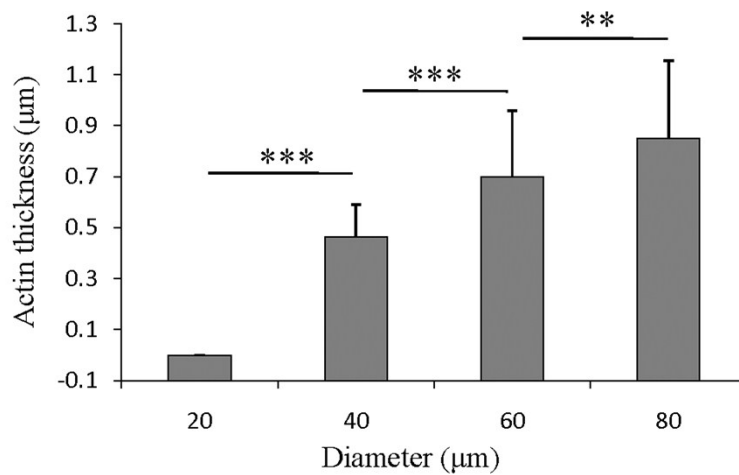
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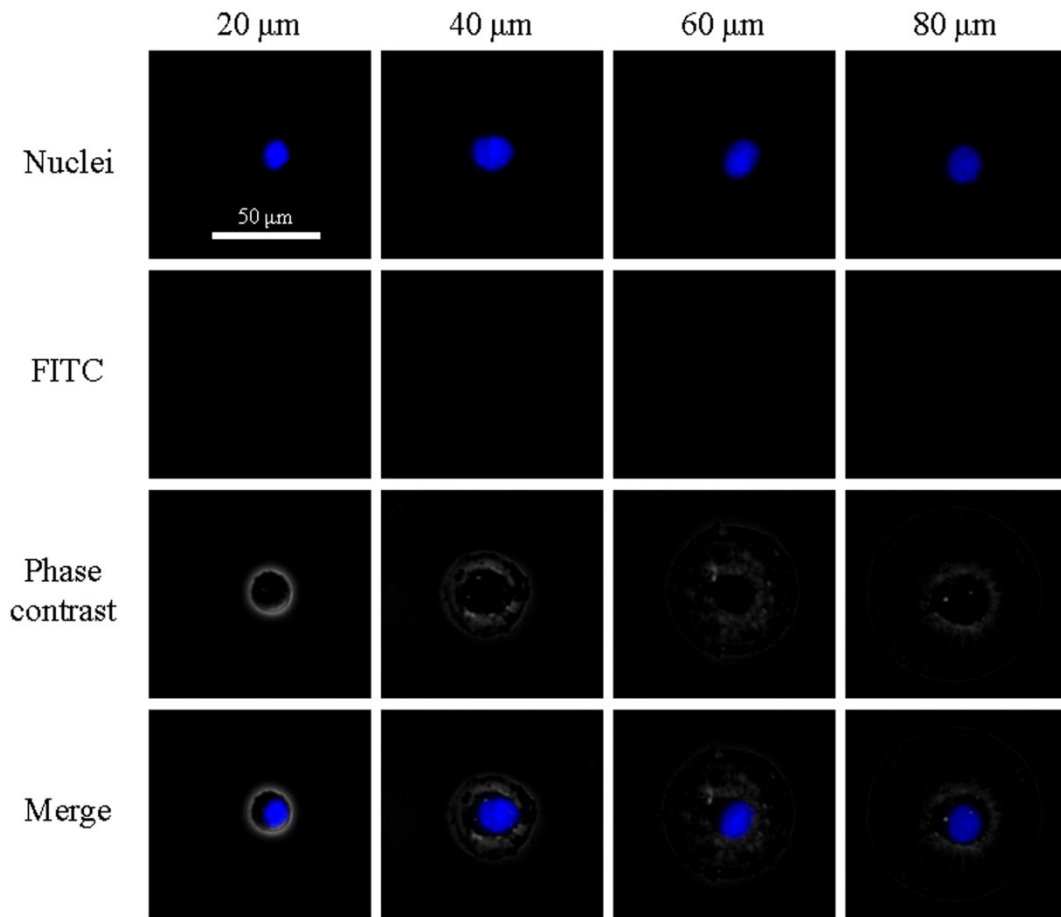
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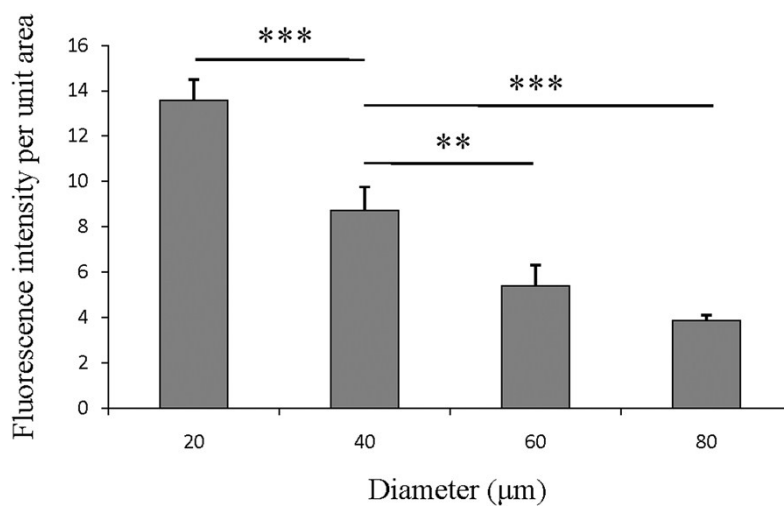
Supplementary Figure 1. Characterization of citrate-AuNPs. (A) and (B) are SEM and TEM images of the citrate-AuNPs.



Supplementary Figure 2. The thickness of the F-actin filaments of the micropatterned MSCs that were cultured on the micropatterns with microdots having diameters of 20, 40, 60 and 80 μm for 6 h. $**p < 0.01$ and $***p < 0.001$ (n = 80).



Supplementary Figure 3. Fluorescence images of the micropatterned MSCs after being cultured on the micropatterned surfaces for 24 h without treatment of FITC-PEG-AuNPs.



Supplementary Figure 4. Average fluorescence intensity per unit membrane area of the micropatterned MSCs when the 20 μm diameter cells were treated as hemispherical shape. ** $p < 0.01$ and *** $p < 0.001$ ($n = 3$).