

Supplementary Information:

Bioconjugation of Luminescent Silicon Quantum Dots for Selective Uptake by Cancer Cells

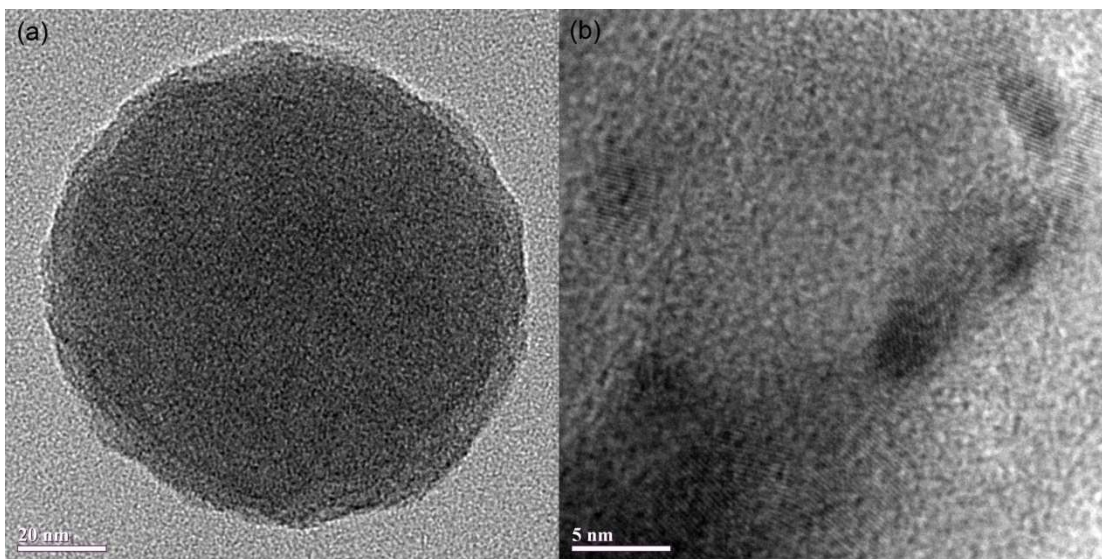
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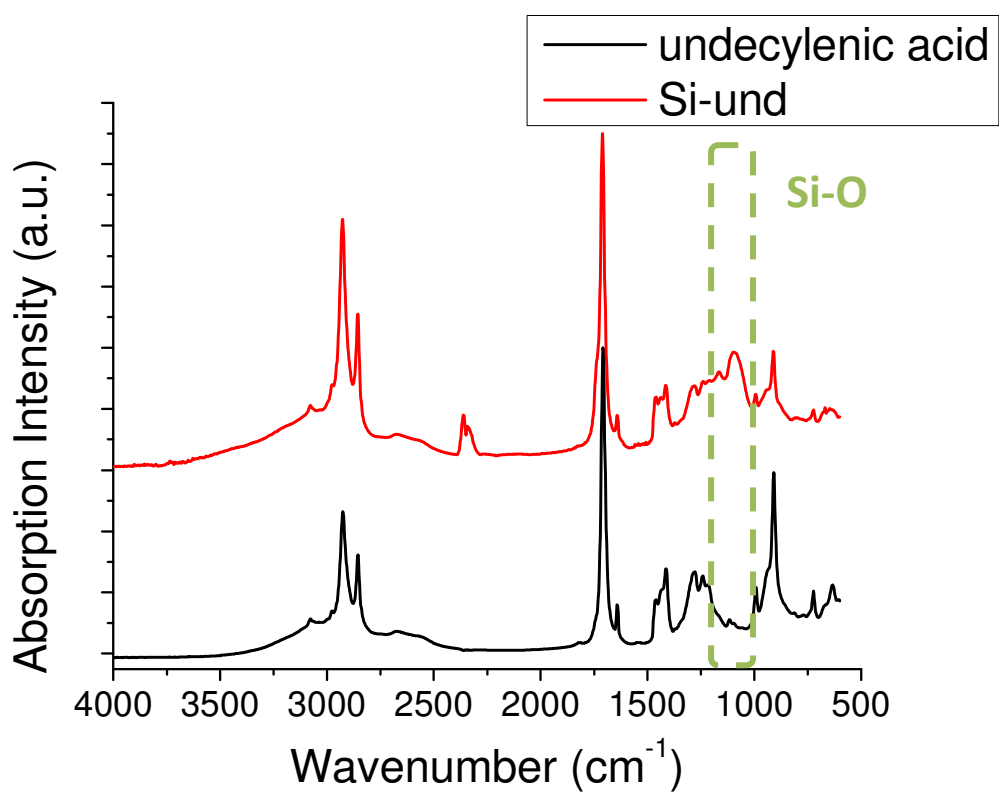
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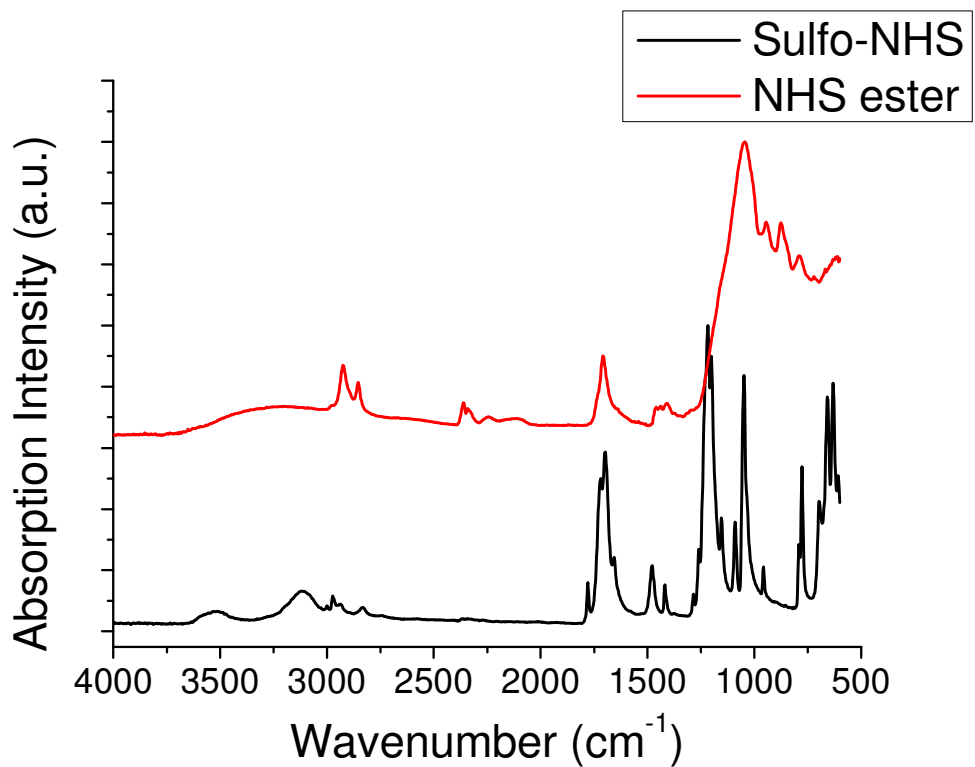
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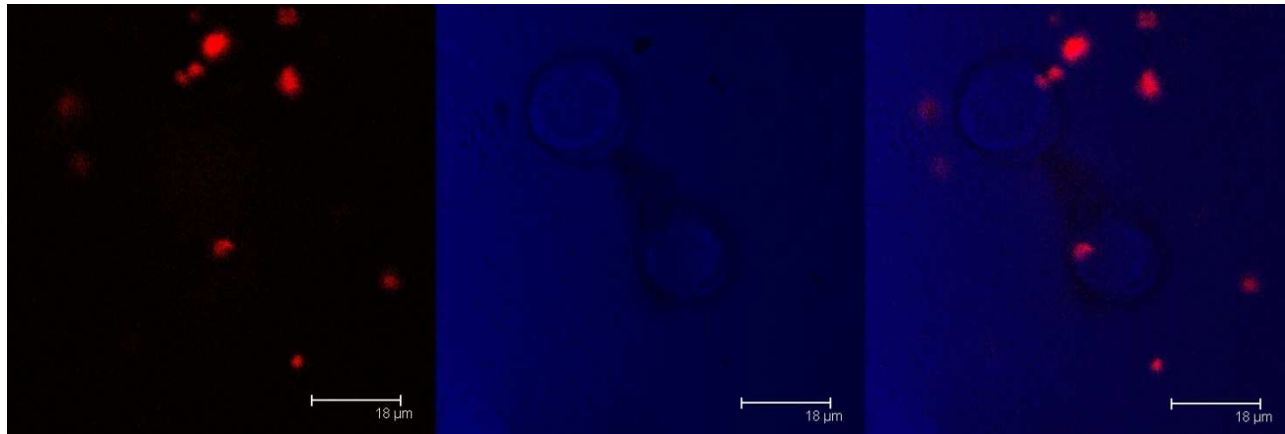
Supplementary Figure 1. The TEM images of Si-und-lysine particle made by protocol 1. The size is around 100nm in figure (a). The crystal structure can be seen in figure (b).



Supplementary Figure 2. This is the FTIR of undecylenic acid compared with Si-und.



Supplementary Figure 3. This shows the FTIR of sulfo-NHS compared with NHS-ester.



Supplementary Figure 4. The confocal image of apo-transferrin grafted Si QDs. The scale bar is 18 μm.