siRNAs Targeting Growth Factor Receptor and Anti-Apoptotic Genes Synergistically Kill Breast Cancer Cells Through Inhibition of MAPK and PI-3 Kinase Pathways

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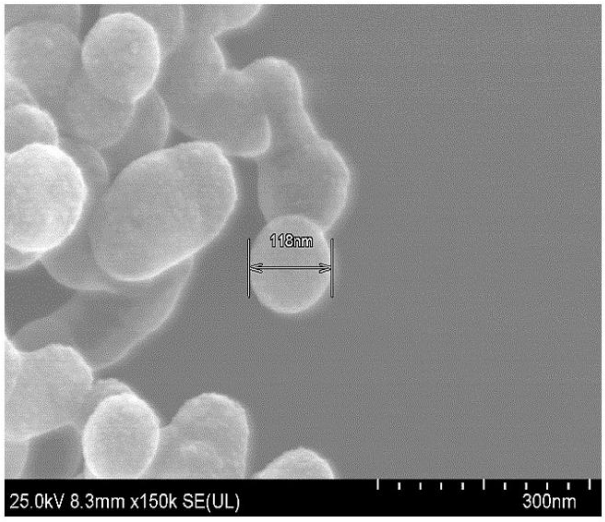

Figure 1: Images of CA particles under a scanning electron microscope (SEM), Incorporation of siRNA along with CA caused no further increase in the size (data not shown here). CA nanoparticles were prepared as mentioned in 'materials and methods' section, with the incorporation of appropriate amount of CaCl2 in media, followed by incubation at 370c for 30 min. The resulting nanoparticles were centrifuged at 13,000 rpm for 10 min and the supernatant was discarded. The pellet was resuspended in 200 µL mili-Q water. 3 µL of the particle suspension was placed on the glass slide to dry at room temperature. Platinum sputtering was applied on the dried sample and the image was observed through the field-emission SEM. Scale bar, 300 nm.