

Fig. 1. Scanning electron microscopy images of (a) Nanosphere, (b) Nanotriangle, (c) Nanostar, (d) SERS spectra of R6G with aggregated-nanospheres, nanotriangles and nanostars (e) A model for the mechanism of SERs based on sharp-ending architect of nano particles

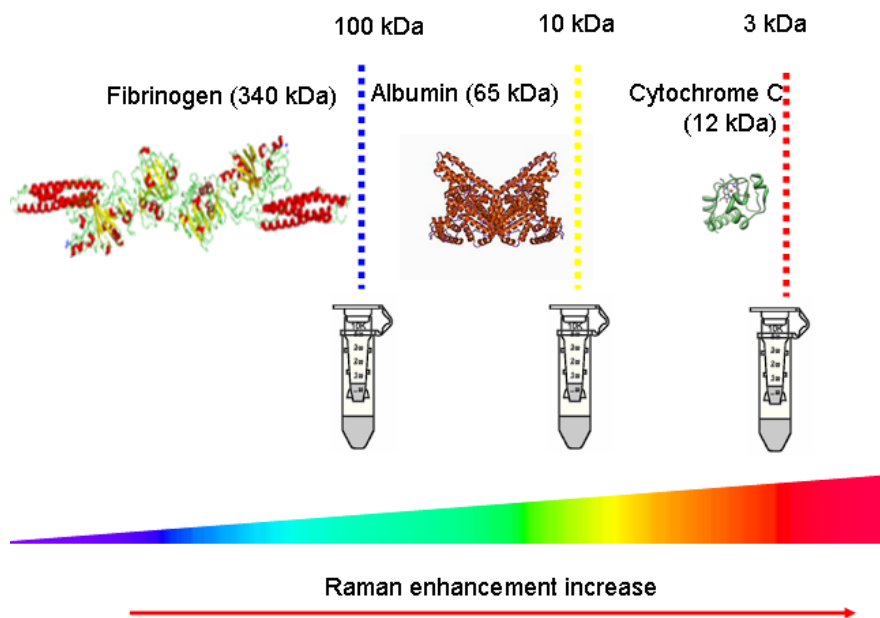


Fig. 2. Illustration of Surface Raman enhancement depended on molecular size.

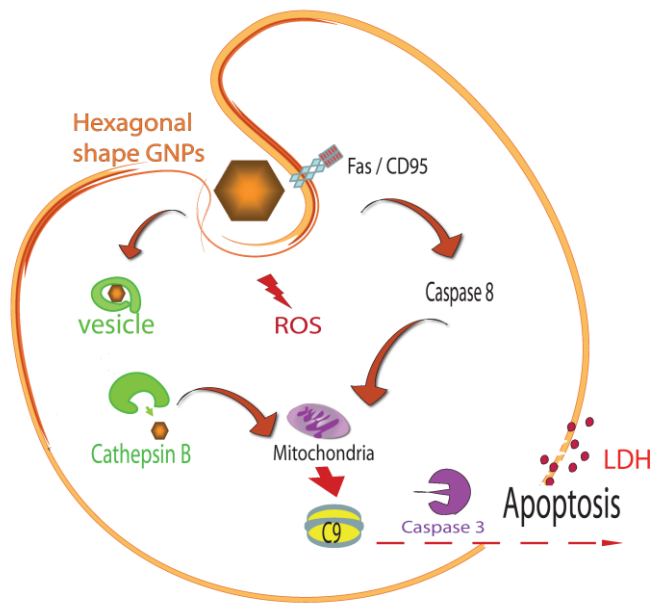


Fig. 3. Schematic apoptosis pathway for to hexagonal gold nano particles exposed Calu-3 cells