Electronic supplementary information

Size Tuning of Au Nanoparticles fromed by Electron Beam Irradiation of Au$_{25}$ Quantum Clusters Anchored Within and Outside of Dipeptide Nanotubes

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Figure S1: EDAX analysis of DPNTs with gold before exposure to electron beam indicates the presence of C, N, O, S and Au. The carbon contribution is also due to the grid.

Figure S2: EDAX analysis of DPNTs with gold after exposure to electron beam indicates the presence of C, N, O, S and Au. The carbon contribution is also due to the grid.
**Figure S3:** Size distributions of gold nanoparticles in DPNTs/ Au composite with respect to 100 keV electron beam exposure time. The nanoparticles show homogeneity at any given time.
**Figure S4:** Schematic representation for formation of uniform gold nanoparticles on DPNTs due to exposure to electron beam.