Electronic Supplementary Material (ESI) for Nanoscale.
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Dendronization-induced phase-transfer, stabilization and self-assembly of large colloidal Au nanoparticles

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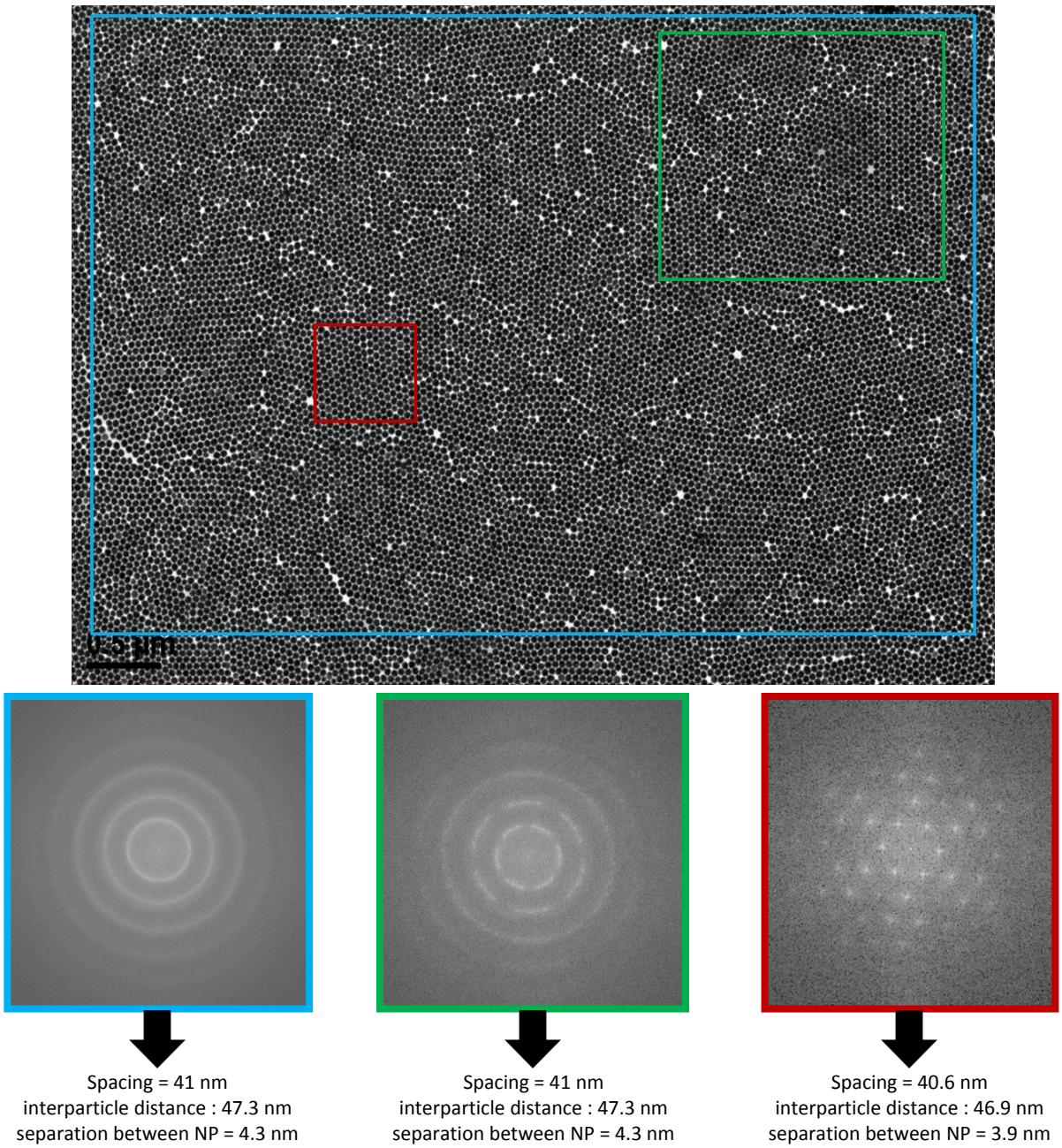
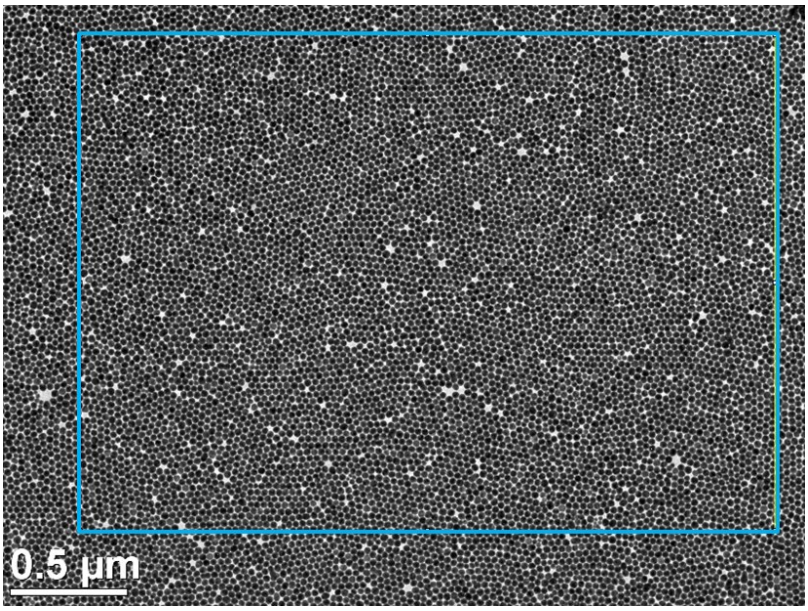
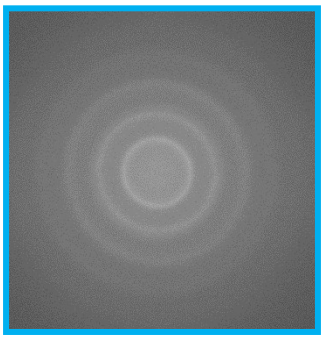
SI-1- Fast Fourier Transform NP-43@G2-SS

FFT have been done on area with different order's degree of a TEM image using Imgae J.



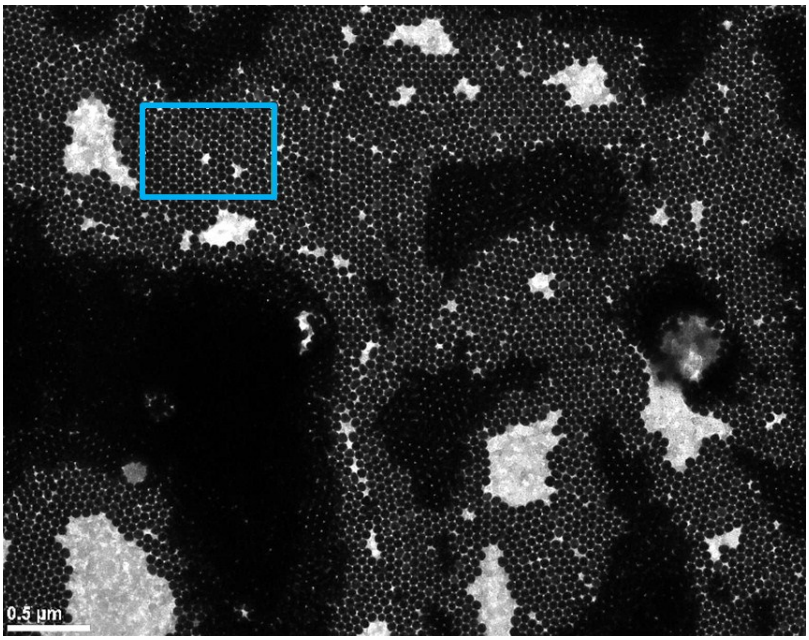
SI-2- Fast Fourier Transform NP-27@G2-SS

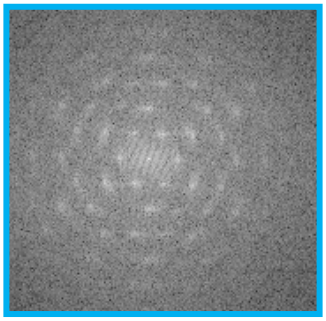




Spacing = 27 nm
interparticle distance : 31.2 nm
separation between NP = 4.2 nm

SI-3- Fast Fourier Transform NP-54@G2-SS





Spacing = 49.1 nm
interparticle distance : 56.7 nm
separation between NP = 2.8 nm