

Supplementary Information for

Computational On-Chip Imaging of Nanoparticles and Biomolecules using Ultraviolet Light

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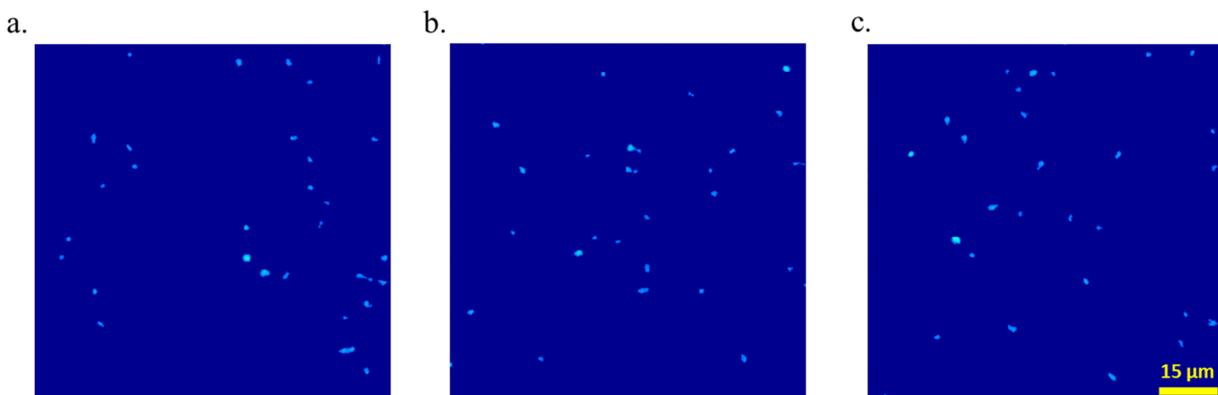
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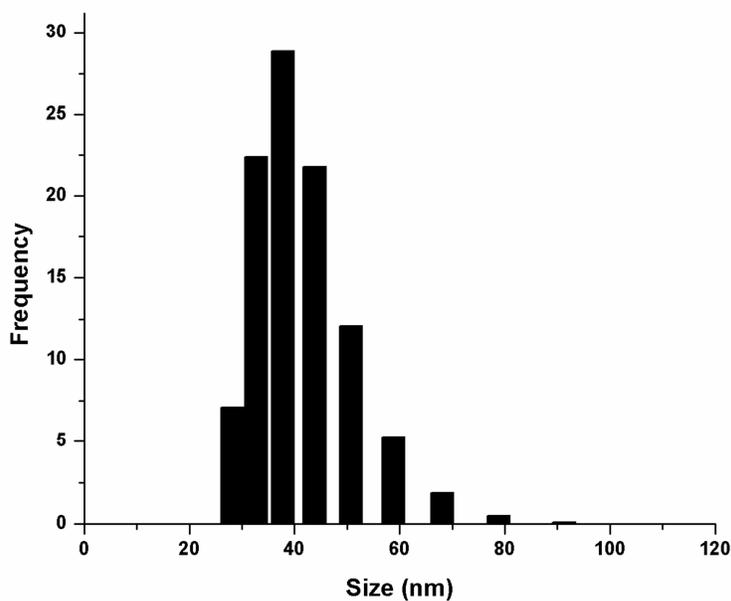
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Supplementary Figures:



Supplementary Figure S1. (a), (b) and (c) The noise grains removed from the reconstructions of three different samples with increasing nanoparticle densities: ~ 474 per mm^2 for (a), 1778 per mm^2 for (b) and 3082 per mm^2 for (c). The density of the removed noise grains in these images remains relatively constant: 4031 per mm^2 for (a), 3556 per mm^2 for (b), and 4098 per mm^2 for (c), despite the increasing nanoparticle density.



Supplementary Figure S2. The size distribution of the polystyrene nano-beads imaged with the help of the self-assembled nanolenses (see Fig. 6 of main text). Dynamic light scattering (ZetaSizer, Malvern Instruments) was used to measure the size distribution.