Electronic Supplementary Material (ESI) for Lab on a Chip.

Supporting information:

Fabrication of Monolayers of Uniform Polymeric Particles by Inkjet Printing of Monodisperse Emulsions Produced by Microfluidics

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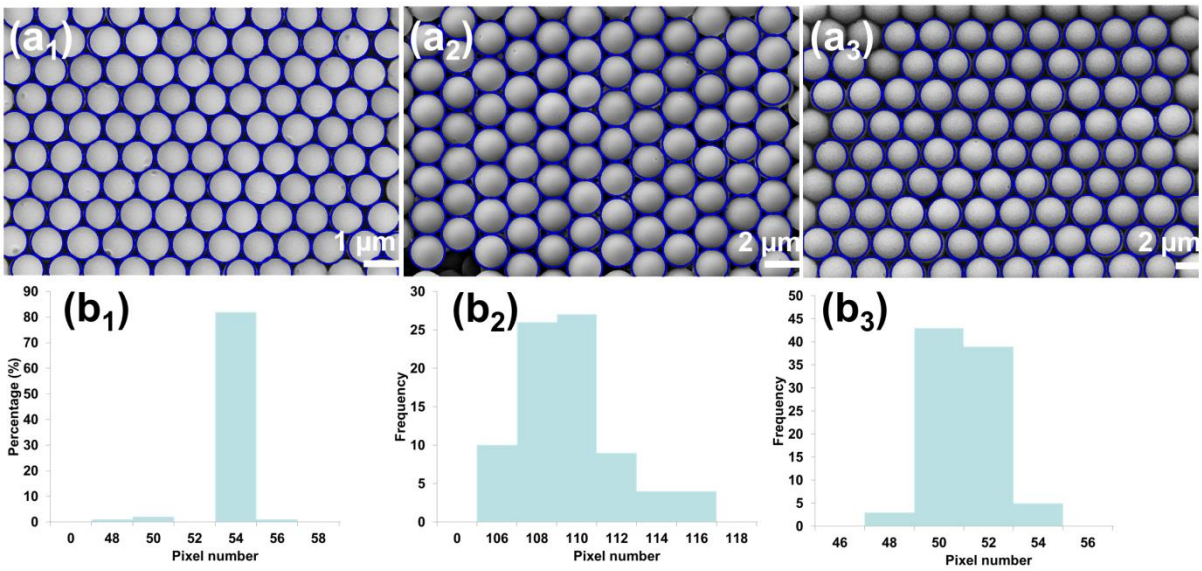

Figure S1. (a) Detected circles of individual particles from the samples in Figures $2c_1$, $2c_2$ and $2c_3$, (b) histograms of pixel number from corresponding images, the particle diameter equals to $2\times$ pixel number $\times$ resolution. As the function of imfindcircles in Matlab is limited to integer-level precision, the detected radius is discontinuous.

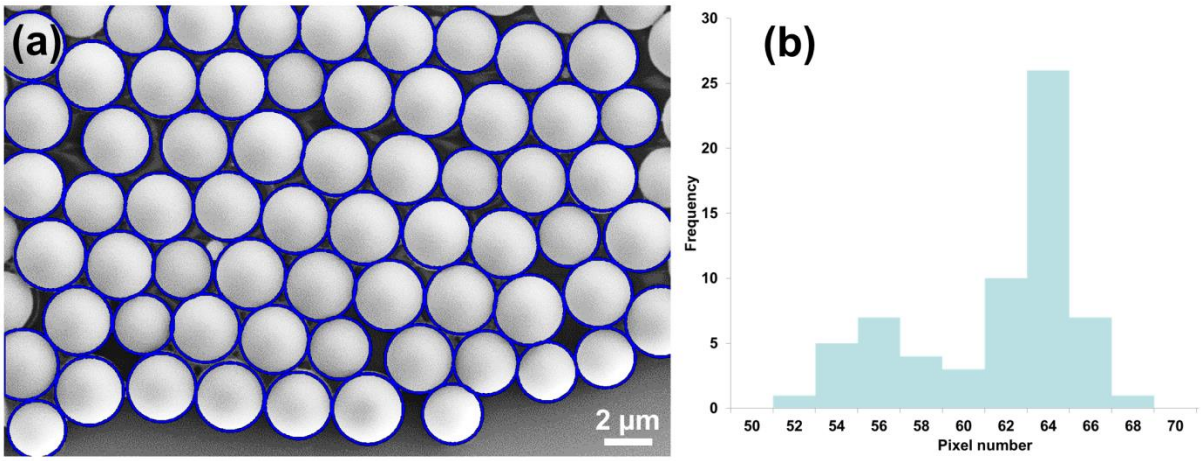

Figure S2. Particle size distribution of the sample in Figure $4a_2$ from inkjet-printed emulsion drops dried on a plasma-treated glass coverslip.

Video 1 and 2 shows the bottom view and side view of a printed emulsion droplet (66.5 mg mL^{-1} PS/DCM dispersed in 1.0 mg mL^{-1} SDS/water) with 6-μm oil drops on a plasma-treated glass cover slip.