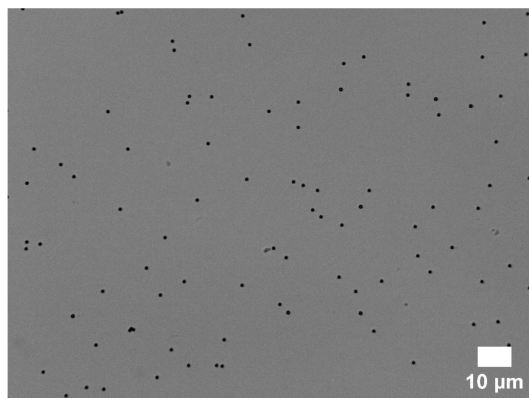
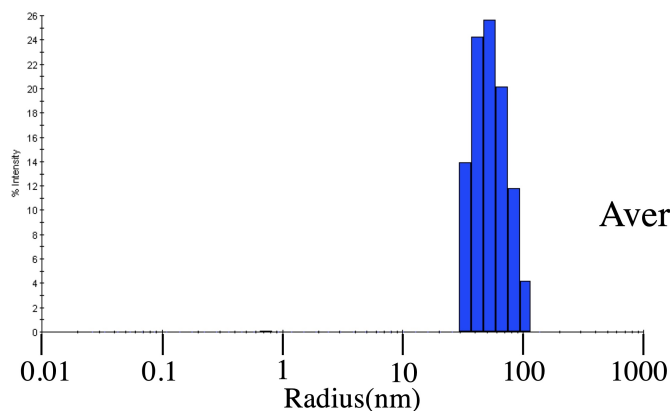
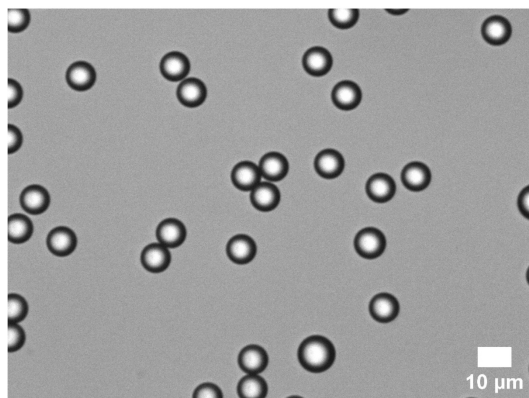


Fig. S1: size determination of the beads



Optical microscopy  
(1 and 10  $\mu\text{m}$  beads)

Average diameter :  $1.09 \pm 0.16$   $\mu\text{m}$   
Number of measurements = 144



Average diameter:  $9.61 \pm 1.21$   $\mu\text{m}$   
Number of measurements = 144