Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: The source data behind the graphs in the paper.

File name: Supplementary Movie 1

Description: Video of theoretical result of light-induced assembly of microparticles by optical pressure in microflow channel, where the interparticle biding force is neglected (Cohesion energy density: 0 J/m^3 , Volume flow rate: $0.1 \mu \text{L/min}$, Laser power: 530 mW, Focal point from the bottom of microchannel (F): 65 μ m). This video corresponds to Fig. 4a.

File name: Supplementary Movie 2

Description: Video of theoretical result of light-induced assembly of microparticles by optical pressure in microflow channel, where the interparticle biding force is strong (Cohesion energy density: 100 J/m^3 , Volume flow rate: $0.1 \mu \text{L/min}$, Laser power: 530 mW, Focal point from the bottom of microchannel (F): $65 \mu \text{m}$). This video corresponds to Fig. 4d.