

## Electrostatic interactions between particles through heterogeneous fluid phases

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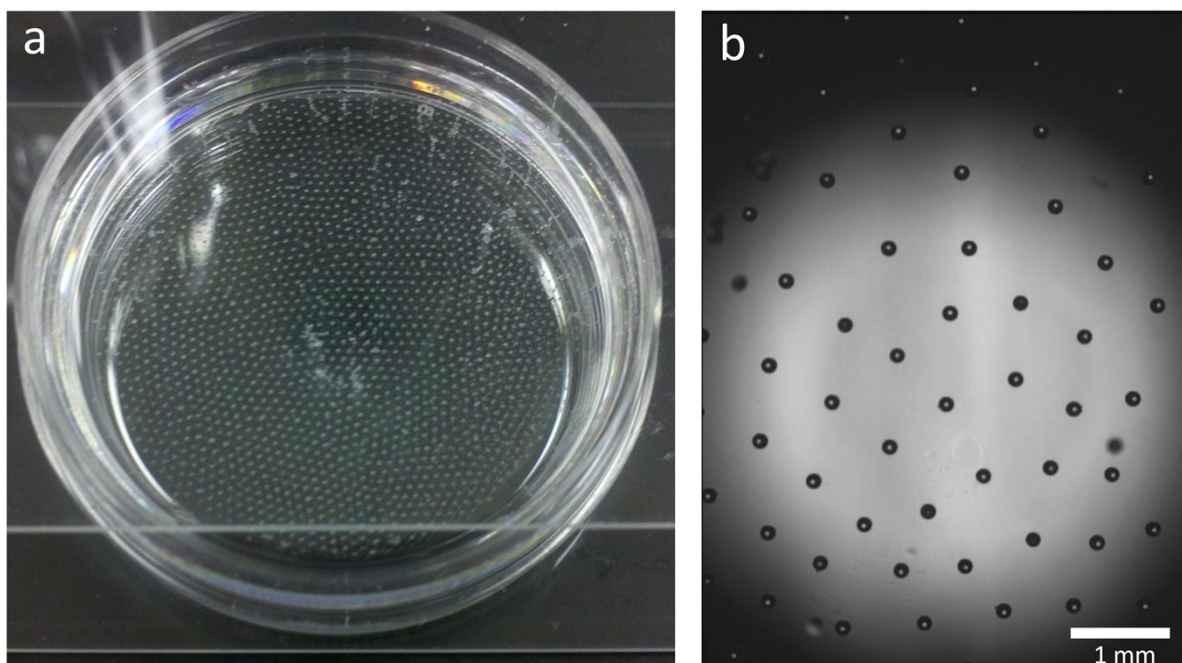


Fig. S1 (a) A photograph and (b) a microscope image showing a two-dimensional monolayer structure composed of a large number of 200  $\mu\text{m}$  PS particles at a planar decane-water interface. The particle solution containing a spreading solvent (isopropyl alcohol) with a 1:1 volume ratio was directly added to the interface.