Supporting information

Impact of polymer nanoparticles on DPPC monolayer properties

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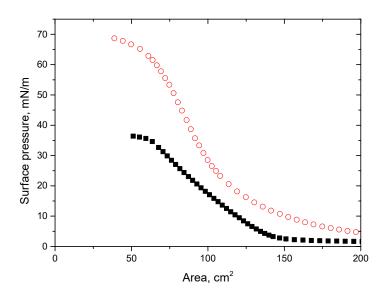


Figure S1. Compression isotherms of PSA nanoparticles at the surface of 0.01 M (black circles) and 0.1 M (red squares) NaCl solutions.

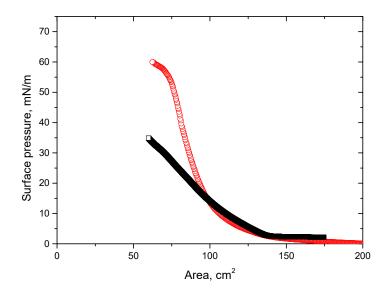


Figure S2. Compression isotherms of PSC nanoparticles at the surface of 0.01 M (black circles) and 0.1 M (red squares) NaCl solutions.

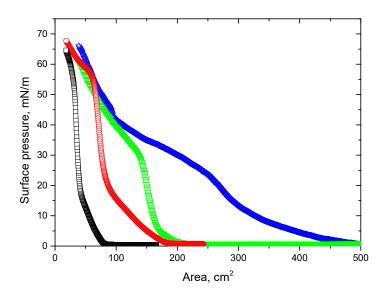


Figure S3. Compression isotherms for PSC nanoparticles on the surface of 0.1M NaCl solution when 200 μ L (green triangles) and 400 μ L (blue asterisks) of the dispersion were spread at the air-water interface. Compression isotherms for PSA microparticles (with diameter 1 μ m) on the surface of 0.01M NaCl solution when 200 μ L (black squares) and 400 μ L (red circles) of the dispersion were spread at the air-water interface. Data for PSA microparticles are taken from ref. [35]. Data have been discussed in this reference.

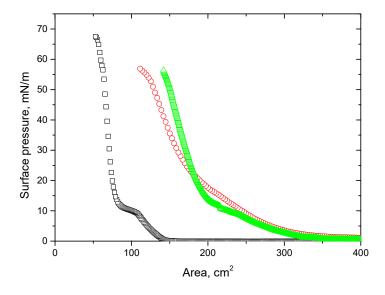


Figure S4. Compression isotherms for pure DPPC (open black squares), DPPC/PSA (red circles) and DPPC/PSC (green triangles) monolayers at the surface 0.1M NaCl. The approximate ratio of DPPC to nanoparticles surface coverage is 1:1.

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