

The Influence of Polysaccharides/TiO₂ on the Model Membranes of Dipalmitoylphosphatidylglycerol and Bacterial Lipids

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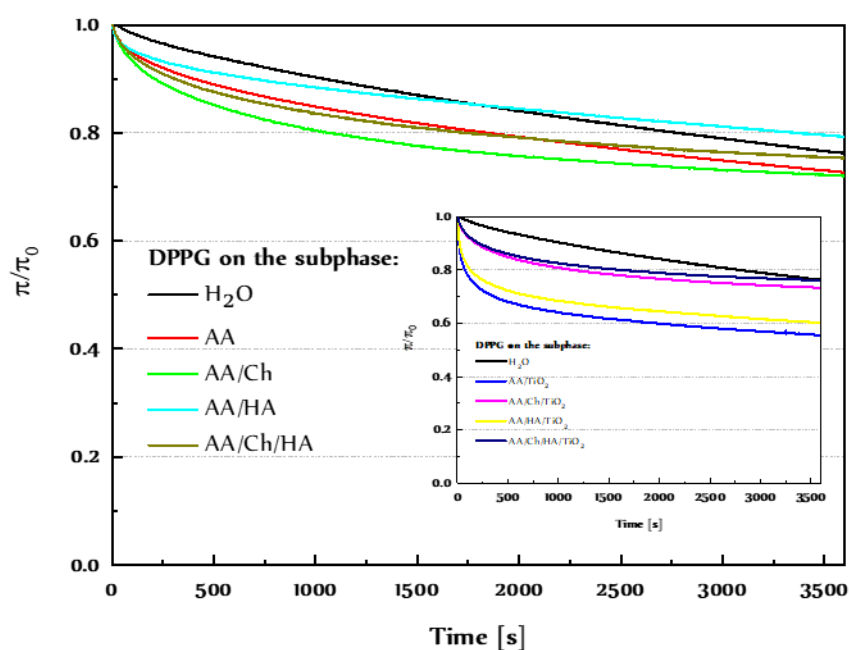


Figure S1. $\pi/\pi_0=f(t)$ relationships for the DPPG monolayer on biopolymers-containing subphases (inset: for TiO₂-containing subphases).

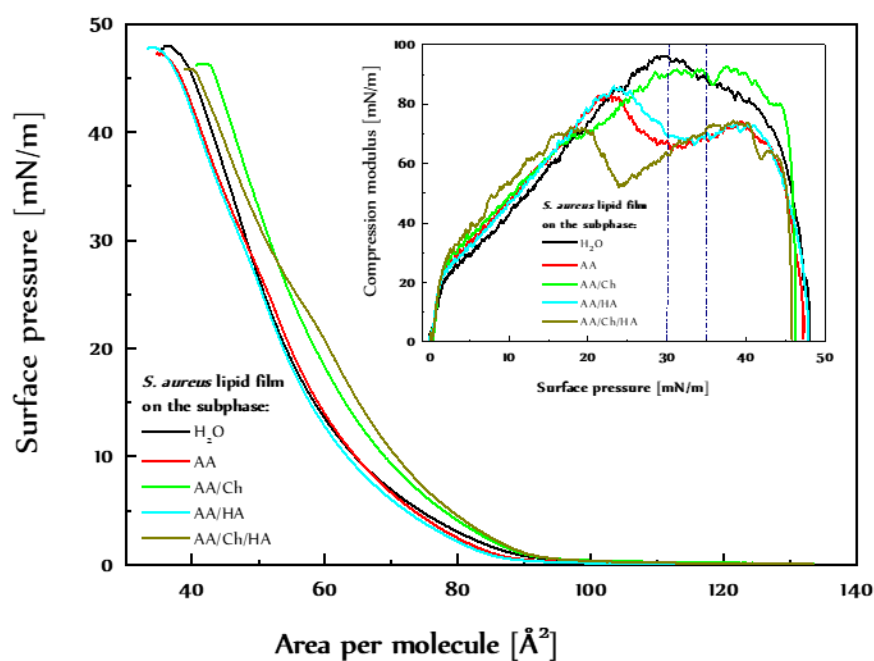


Figure S2. π -A isotherms obtained by means of the Langmuir technique and determined based on them $C_s^{-1} = f(\pi)$ relationships (inset) for the *S. aureus* lipid film on biopolymers-containing subphases.

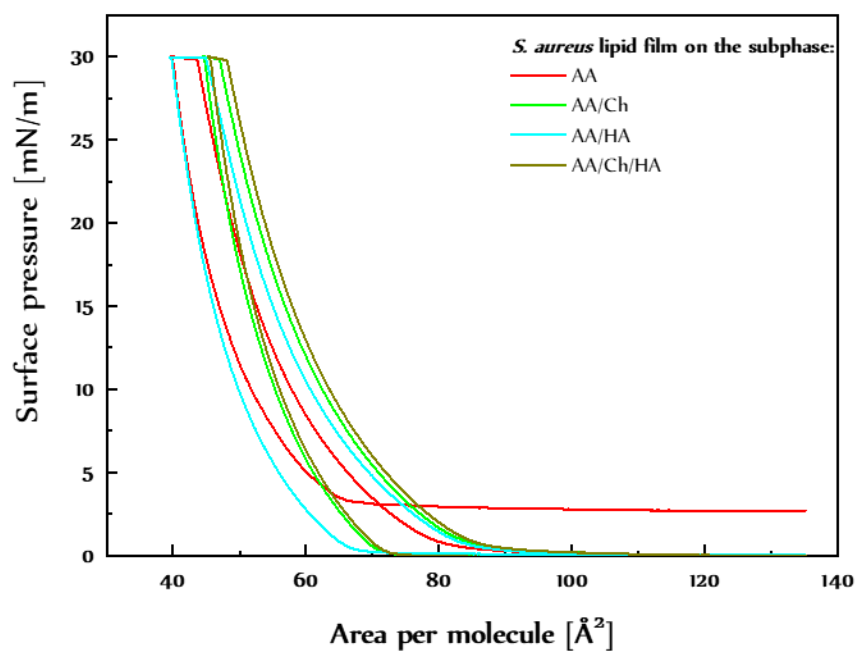


Figure S3. Hysteresis loops obtained by compression and decompression of the *S. aureus* lipid film on biopolymers-containing subphases.

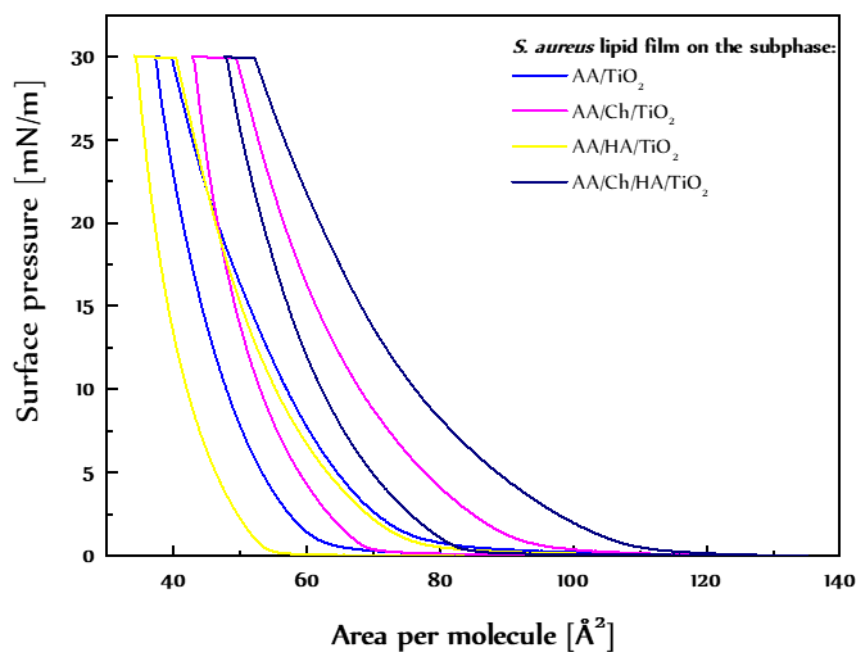


Figure S4. Hysteresis loops obtained by compression and decompression of the *S. aureus* lipid film on TiO₂-containing subphases.

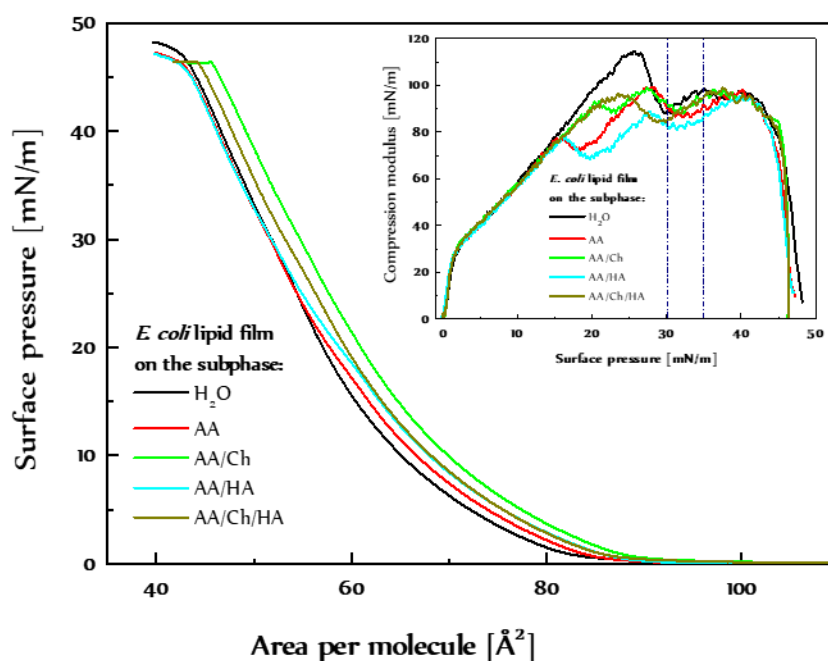


Figure S5. π -A isotherms obtained by means of the Langmuir technique and determined based on them $C_s^{-1} = f(\pi)$ relationships (inset) for the *E. coli* lipid film on biopolymers-containing subphases.

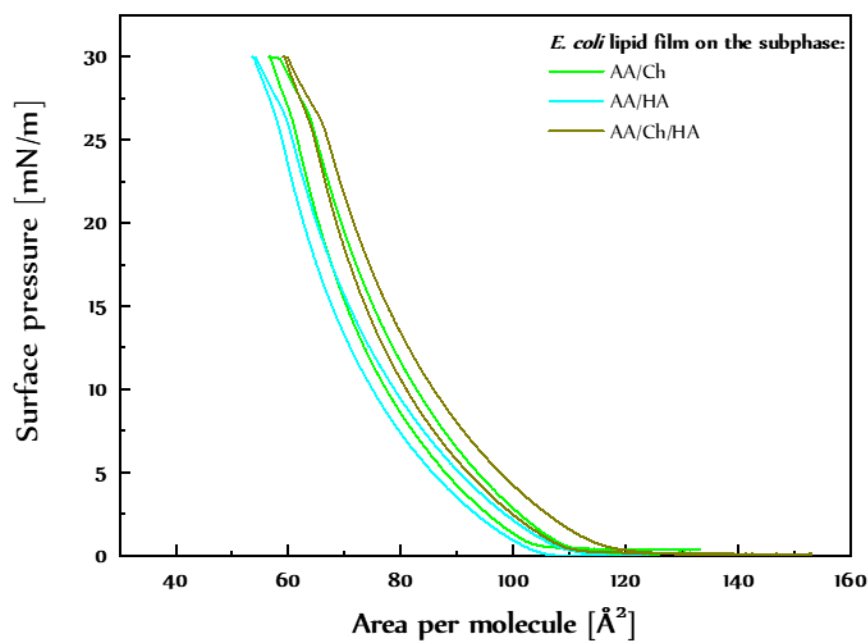


Figure S6. Hysteresis loops obtained by compression and decompression of the *E. coli* lipid film on biopolymers-containing subphases.

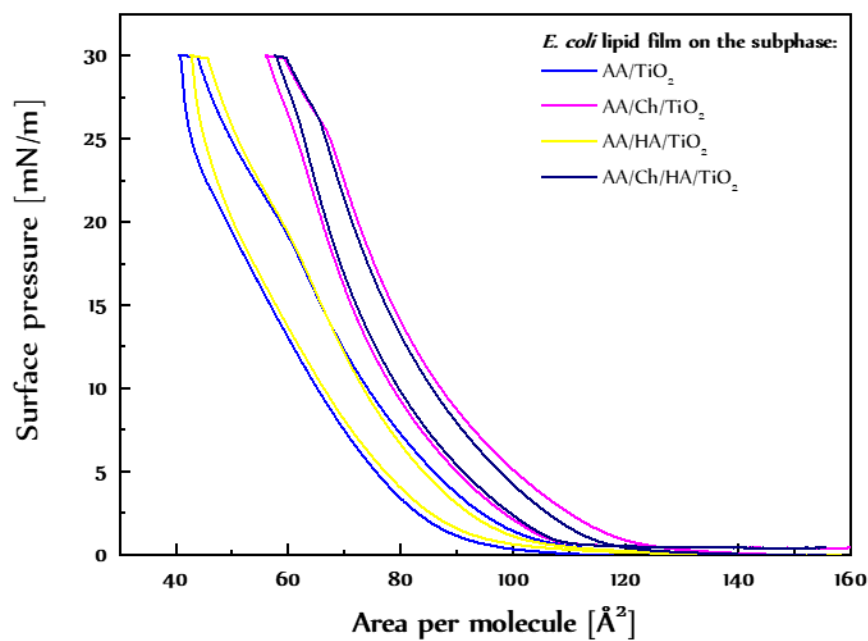


Figure S7. Hysteresis loops obtained by compression and decompression of the *E. coli* lipid film on TiO_2 -containing subphases.