

Supplementary material

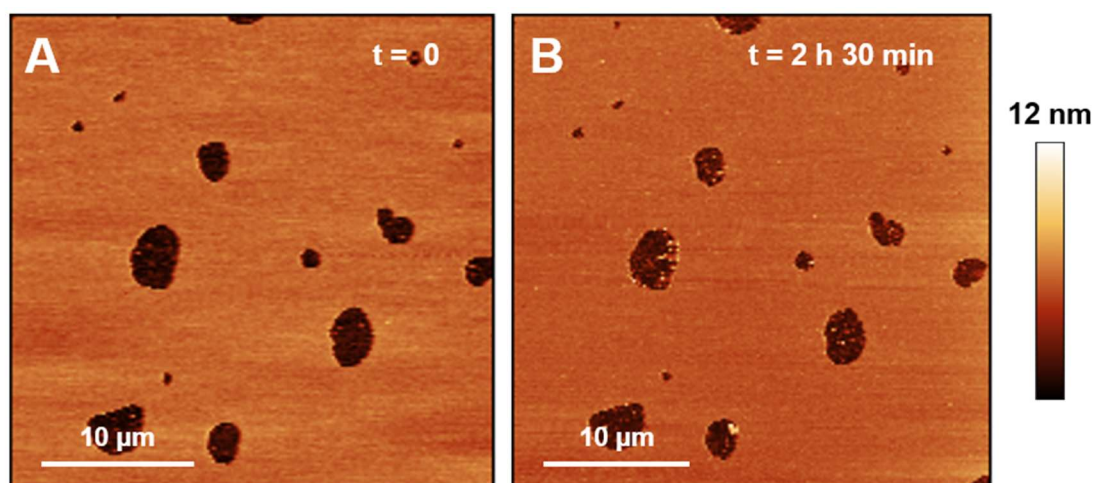


Figure S1 - AFM images of a pure POPC bilayer imaged at $t = 0$ (A) and after $\sim 2\text{h}30$ of imaging (B).

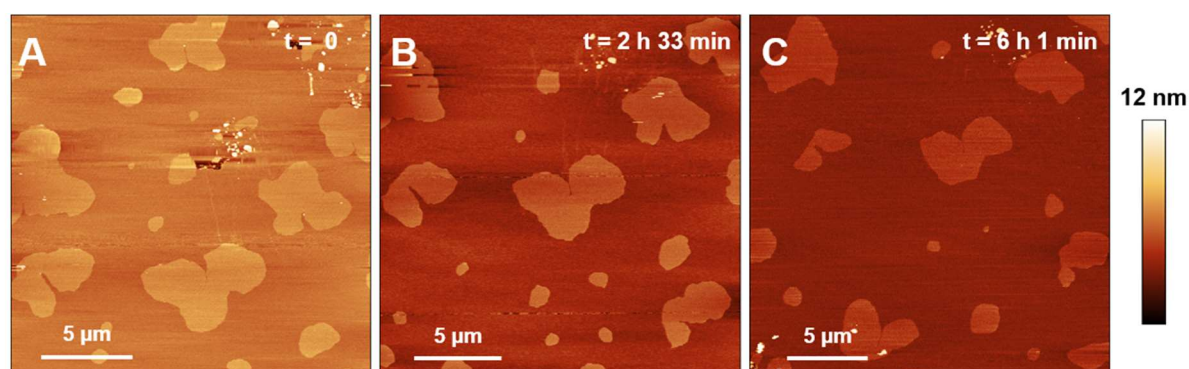


Figure S2 - AFM images of a DOPC/DPPC (1/1) bilayer at $t = 0$ (A) and after $\sim 2\text{h}30$ (B) and 6h of imaging (C).

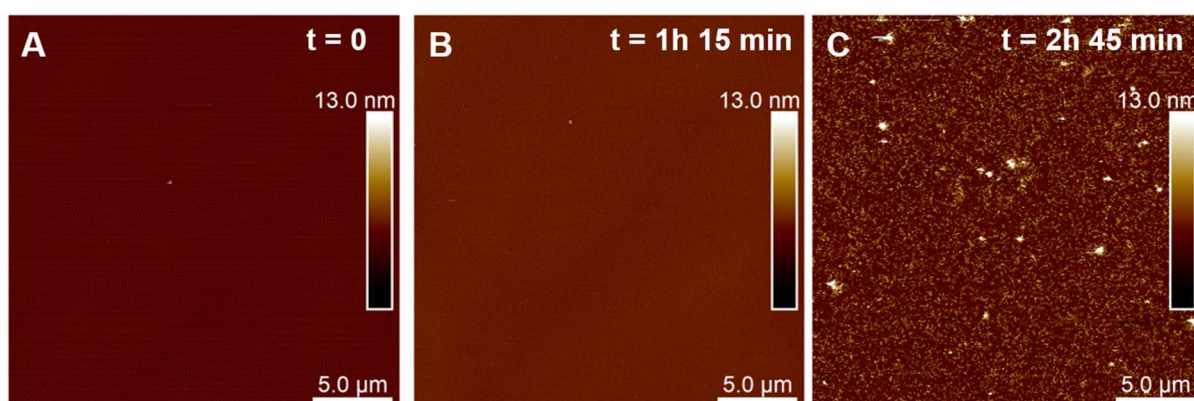


Figure S3 - AFM images of a mica substrate imaged at the time of injection of K18 (1 μM final concentration) (A) and after 1h15min (B) and 2h45min of incubation (C).

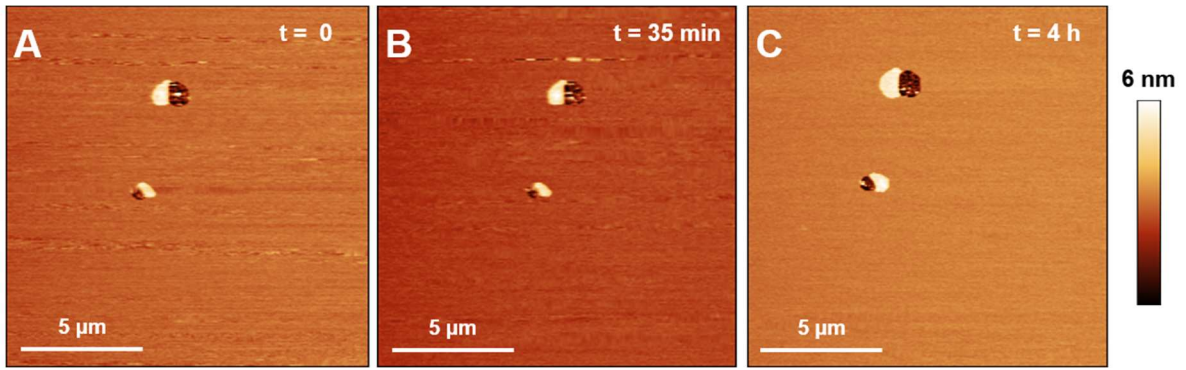


Figure S4 - AFM images of a POPC-POPS (4-1) bilayer at $t = 0$ (**A**) and after ~ 35 min (**B**) and 4 h of imaging (**C**).