Self-assembly of Monolayered Lipid Membranes for Surface-coating of a Nanoconfined Bombyx Mori Silk Fibroin Film

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Supporting Information

Fig. S1 Contact angles of the unconfined silk fibroin film before and after treatment with methanol. The angles for (a) and (b) are 73 ± 3° and 81 ± 3°, respectively, obtained from 5 different places on the film.

Fig. S2 Molecular structure of (a) DOPC, (b) DPPC and (c) MO lipids.
Fig. S3 (a), density of residual BSA protein after the films’ immersion. (b-d), model images showing the cells adhered to the surface of a bare silk film (b), DOPC- (c) or DPPC-coated one (d).