

# Supporting Information

Article

## Surface properties of aqueous dispersions of bovine serum albumin fibrils

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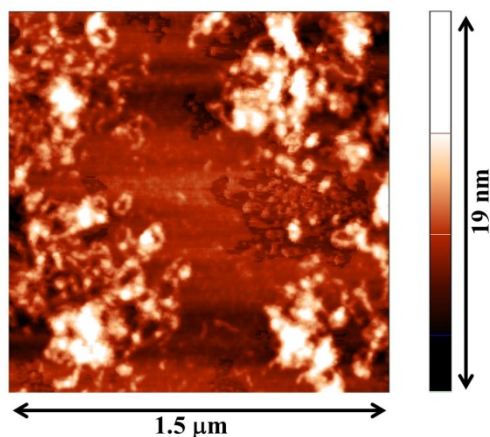


Figure S1. AFM-image of a droplet of fibril dispersions after dilution by 200 times in TrisHCl buffer solution after purification.

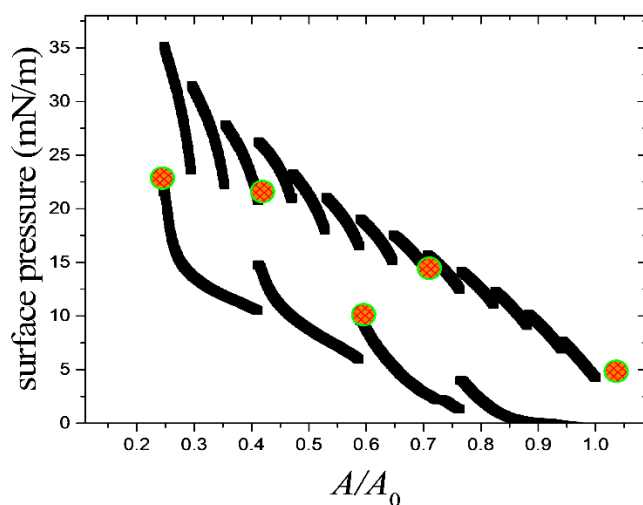


Figure S2. Compression-expansion isotherms of a spread layer of fibril dispersion on an aqueous solution of 0.1 M NaCl. Circles mark the places where the layer was transferred onto a mica plate. A<sub>0</sub> – the initial surface area (A – is the area between barriers at the given moment, cf. Eq. on page 3 of the manuscript).

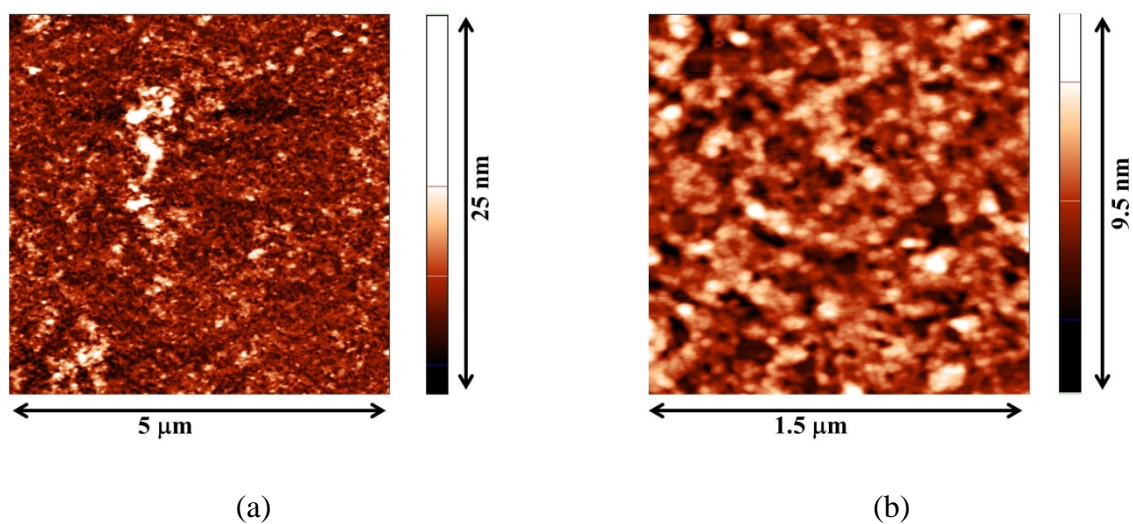


Figure S3. AFM images of spread layers of BSA fibrils transferred from the surface of a 0.1 M NaCl aqueous solution onto mica plates at the surface expansion to surface pressure of 10 mN/m.

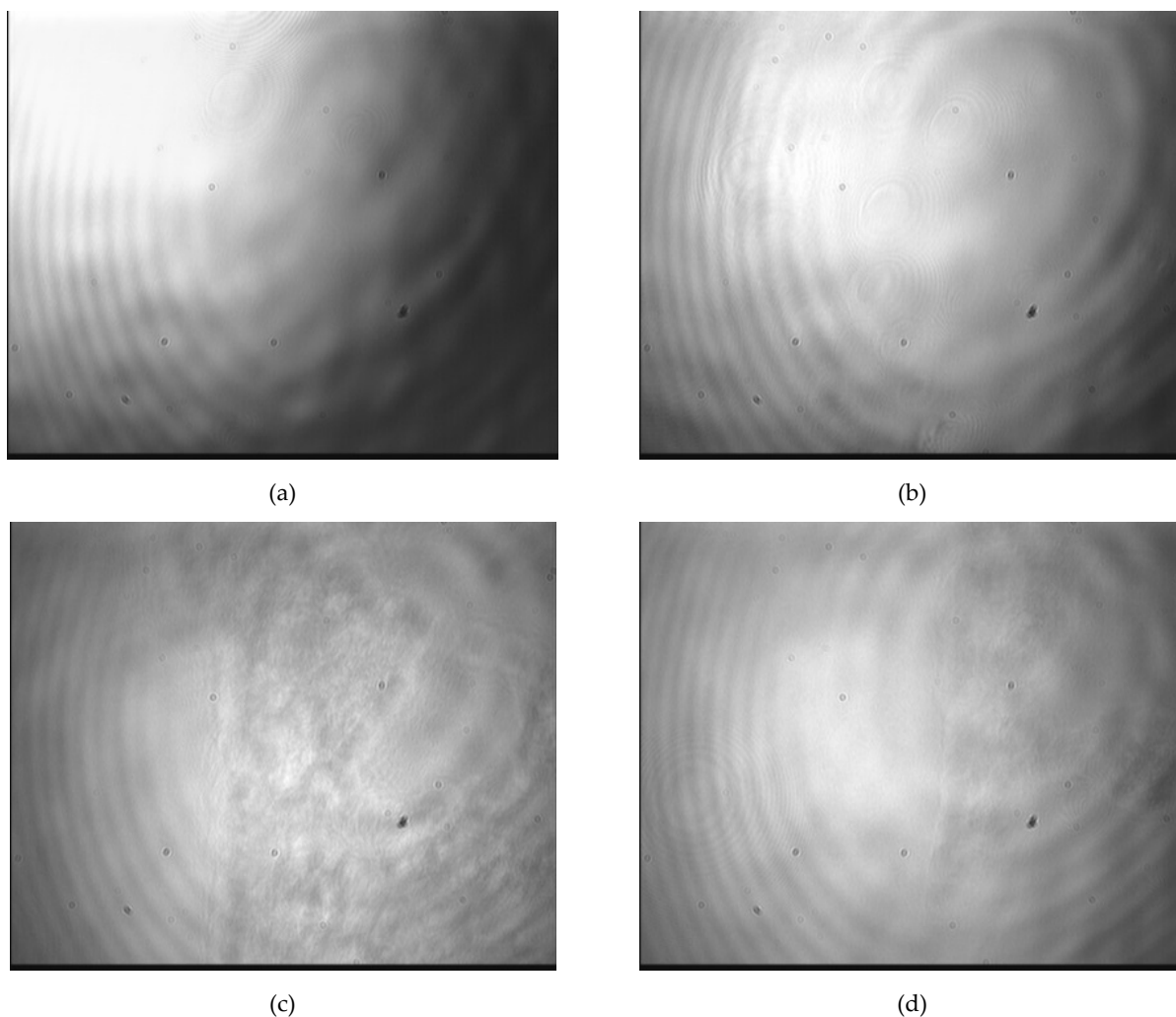


Figure S4. BAM-images of spread layers of BSA fibrils on the surface of 0.1 M NaCl aqueous solution at different degrees of surface compression-expansion: a) before compression; b) twofold compression; c) twofold expansion after an external mechanical disturbance; d) in ten minutes after the disturbance. Image size is 1 X 0.82 mm.