

Supporting Information

Quantification of silk protein using phage nanofibers with high binding specificity

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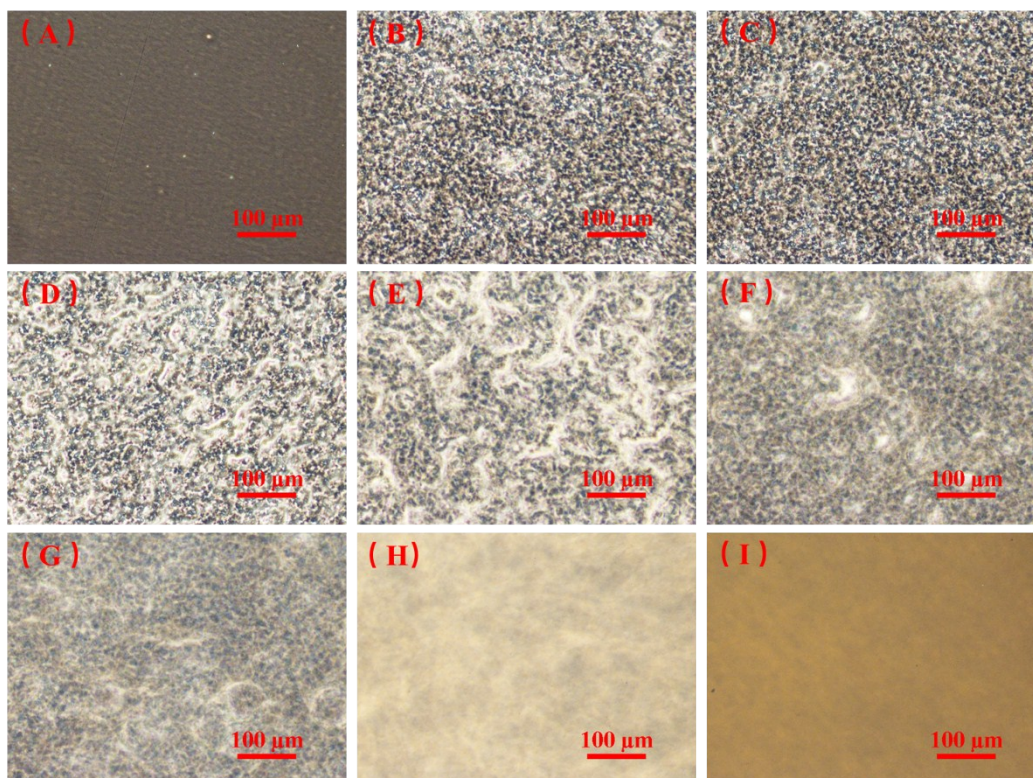


Fig. S1 Sericin film casted from different amount of SS solution. Sericin film casted from different amount of SS solution under optical microscope in 24-well plate. (A) The amount of added SS in the well is 0 ml; (B) The amount of added SS in the well is 0.05 ml; (C) The amount of added SS in the well is 0.1 ml; (D) The amount of added SS in the well is 0.2 ml; (E) The amount of added SS in the well is 0.3 ml; (F) The amount of added SS in the well is 0.4 ml; (G) The amount of added SS in the well is 0.5 ml; (H) The amount of added SS in the well is 1 ml; (I) The amount of added SS in the well is 3 ml.

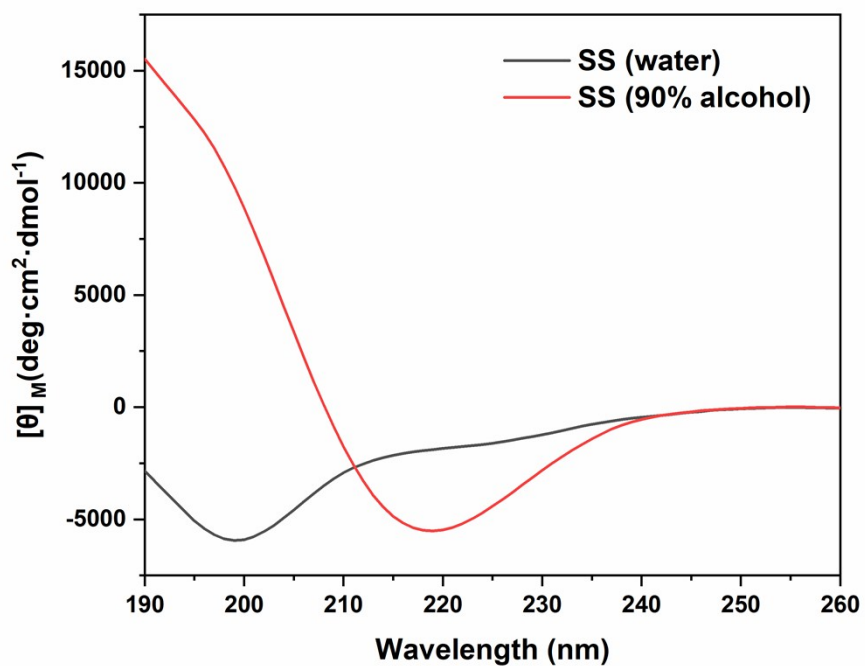


Fig. S2 Circular Dichroism (CD) spectra of SS in the presence of different solvents. The concentration of SS solutions used for the measurement was 0.06 mg/ml. The black line and red line are CD spectra of SS in water and 90% alcohol respectively.