

Supporting Information

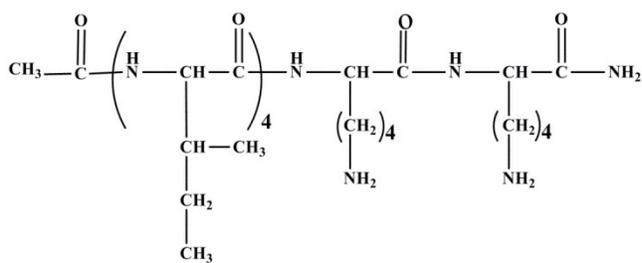


Fig. S1 Molecular structure of I₄K₂.

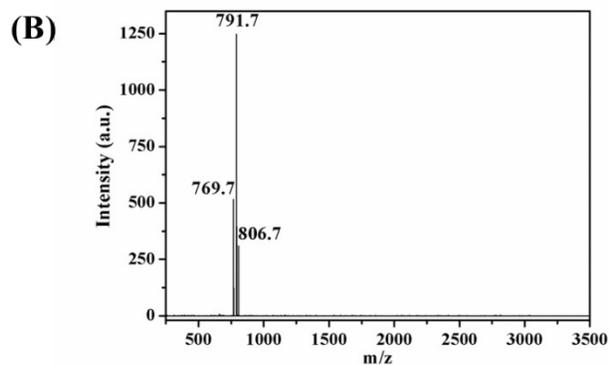
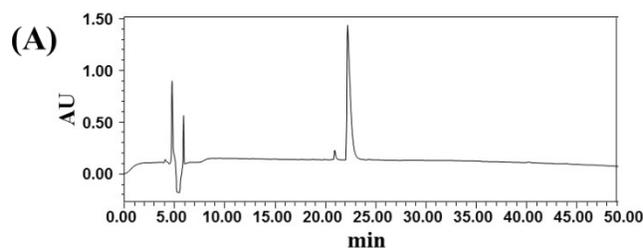


Fig. S2 RP-HPLC(A) and MALDI-TOF-MS spectra(B) of I₄K₂.

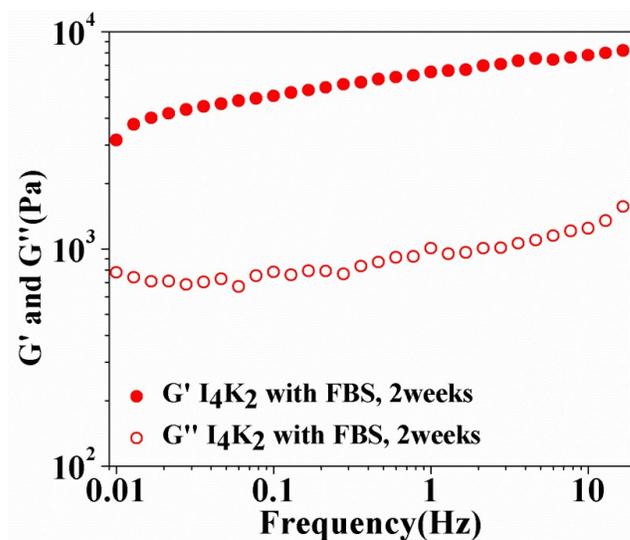


Fig. S3 Frequency sweeps of I₄K₂ samples after the addition of 2% FBS. All rheological measurements were performed at 25 °C.

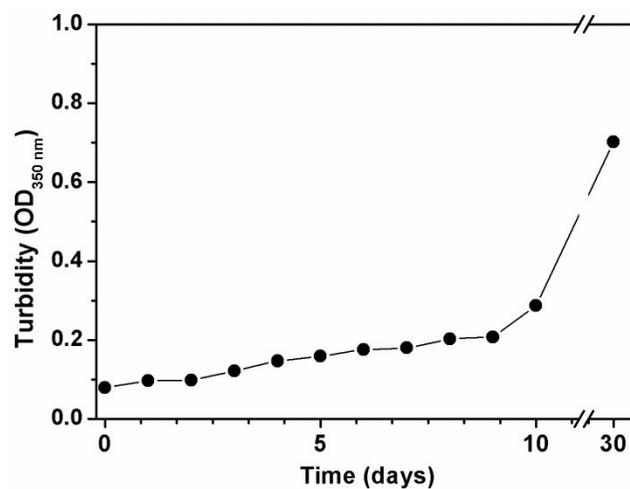


Fig. S4 The turbidity of the I₄K₂ suspension before and after the addition of 10 μM Cu²⁺ and 10 U/mL PAO over time.

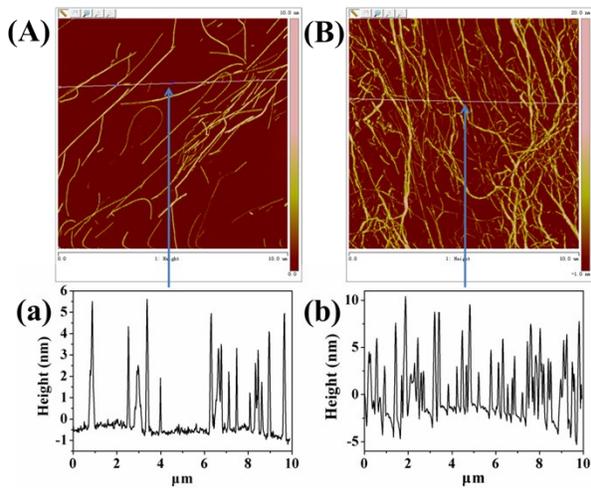


Fig. S5 AFM images and AFM height section profiles of nanostructures self-assembled from $8 \text{ mM I}_4\text{K}_2$ solution (A, a) before and (B, b) after the addition of $10 \mu\text{M Cu}^{2+}$ and 10 U/mL PAO .

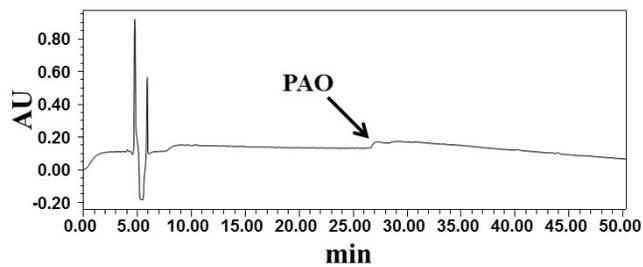


Fig. S6 RP-HPLC of 1.25 U/mL PAO in HEPES (25 mM , $\text{pH } 7.4$).