Supporting Information

Bio-Inspired Crystallization of Continuous Calcium Phosphate Films on Langmuir Monolayer of Zein Protein: Their Mechanical Performance, Hydrophilicity and Biocompatibility

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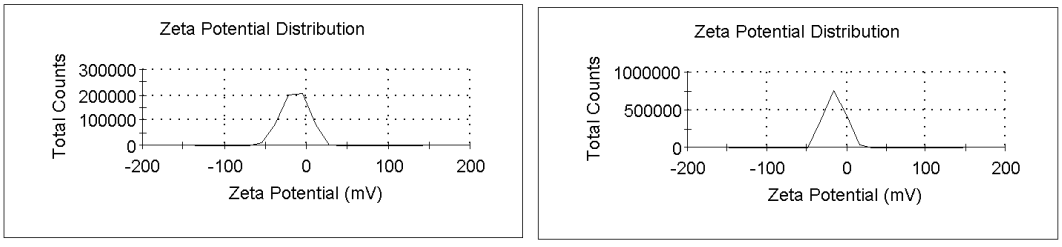

Figure S1. Zeta potential of the Zein solution with different concentration: (a) 2 mg/mL and (b) 1 mg/mL.

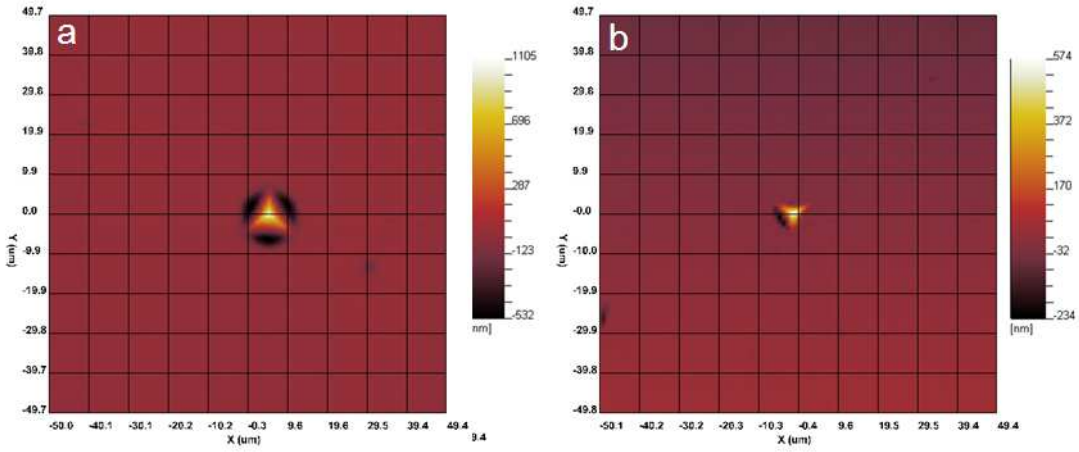

Figure S2. 3D images of the indents for (a) Zein film and (b) mineralized nanocomposite Zein film under the same load of 8 mN.

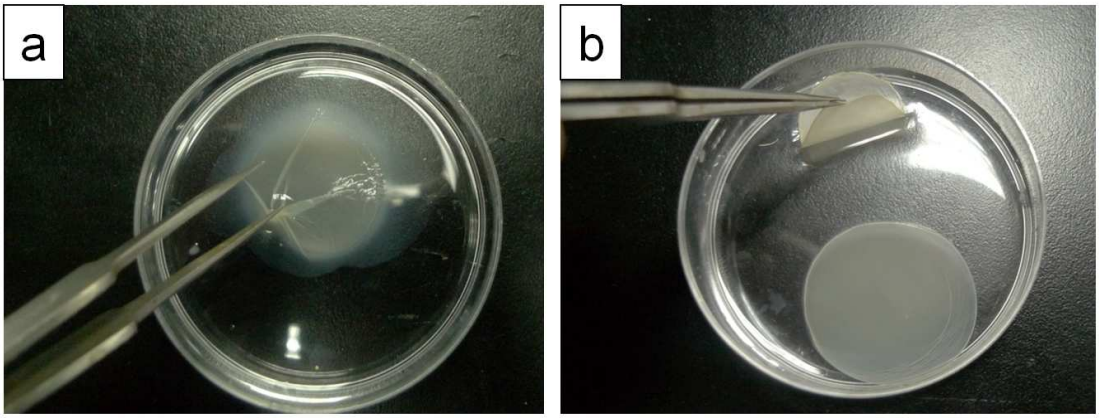

Figure S3. Photographs of visible Zein membrane obtained by carefully spreading 30 mg/mL Zein solution on the air-water surface of (a) pure water and (b) 10 SBF for 0.5 h.