SUPPLEMENTARY DATA

Fully Plant-Derived Flaxseed Mucilage–Soy Protein inks for Extrusion-Based 3D Printing of Tunable Hydrogel Scaffolds.

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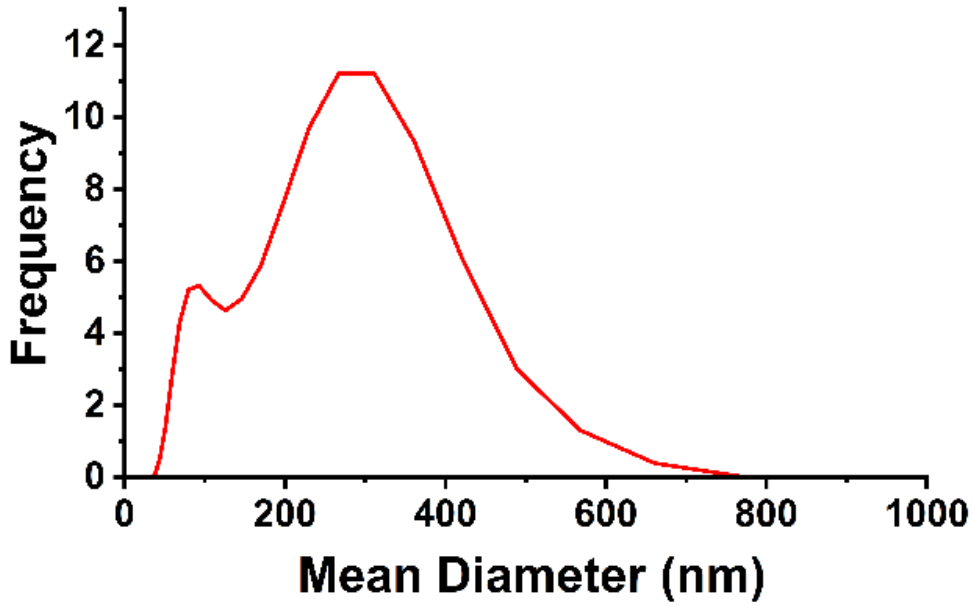
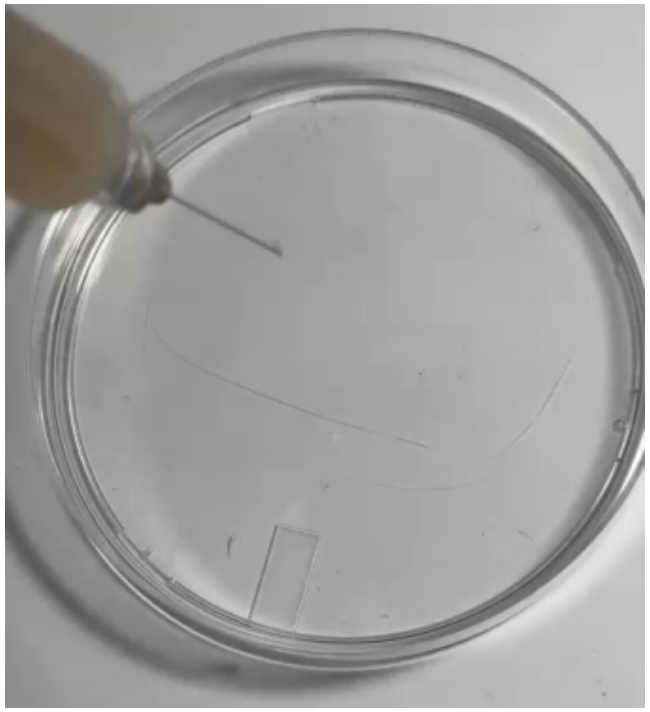


S1: Represents the particle size distribution of flaxseed mucilage powder obtained by dynamic light scattering.

Filament formation test

S2: 3% FSM ink filament formation test

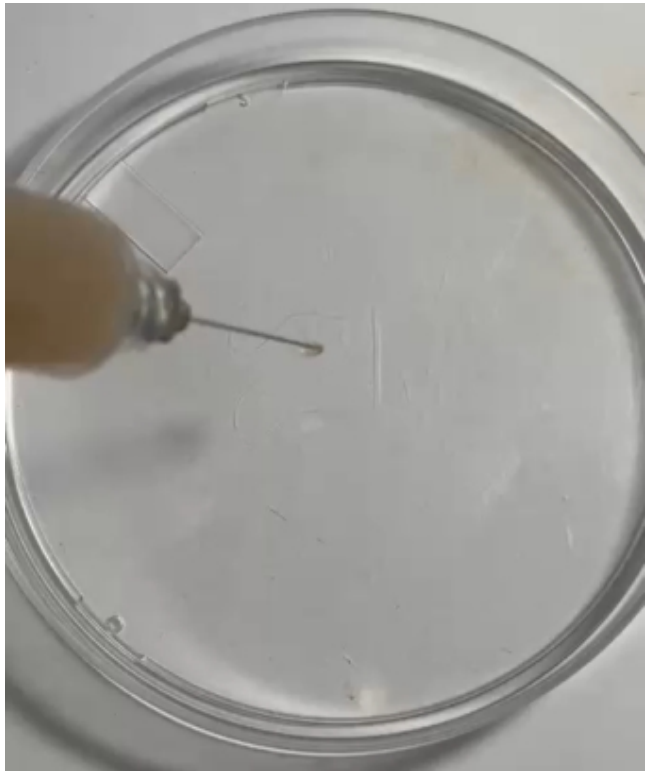


S3: 4% FSM ink filament formation test

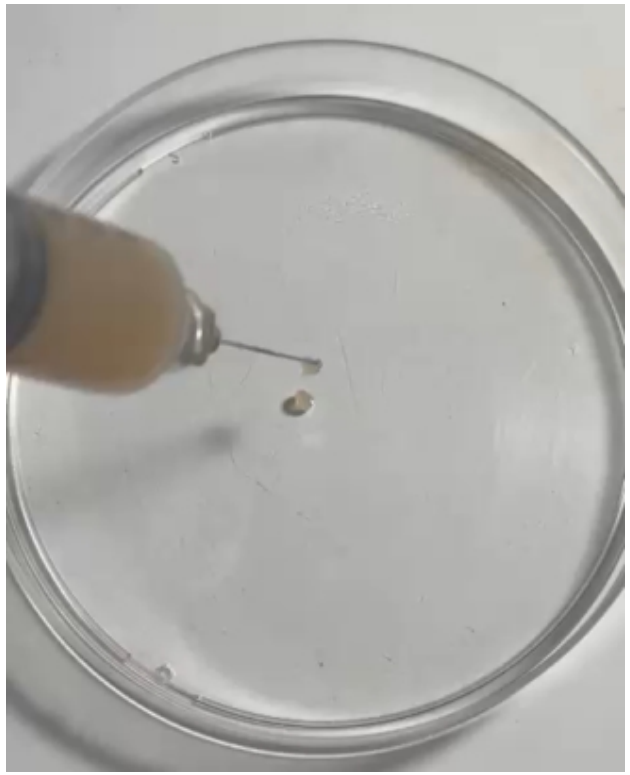
Droplet-like structure at lower concentration

Filament formed at higher concentration

S4: 5% FSM ink filament formation test

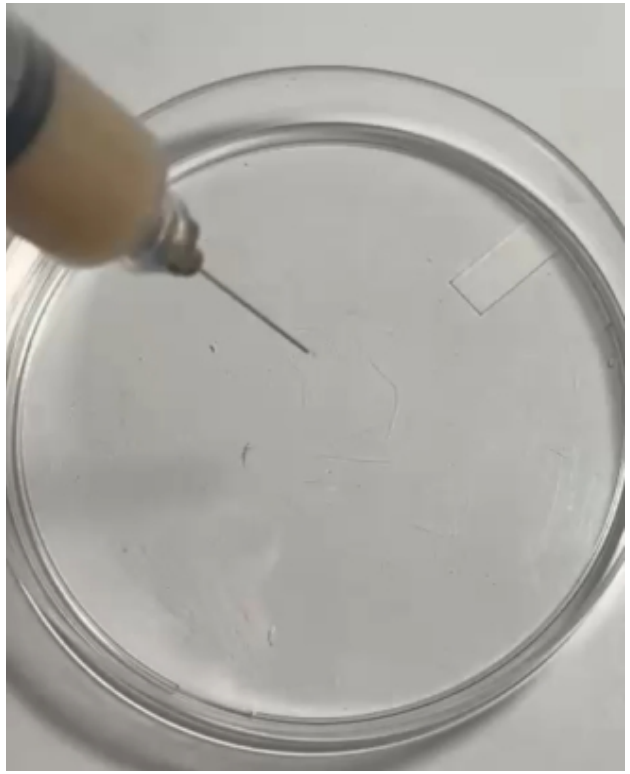


S5: 6% FSM ink filament formation test

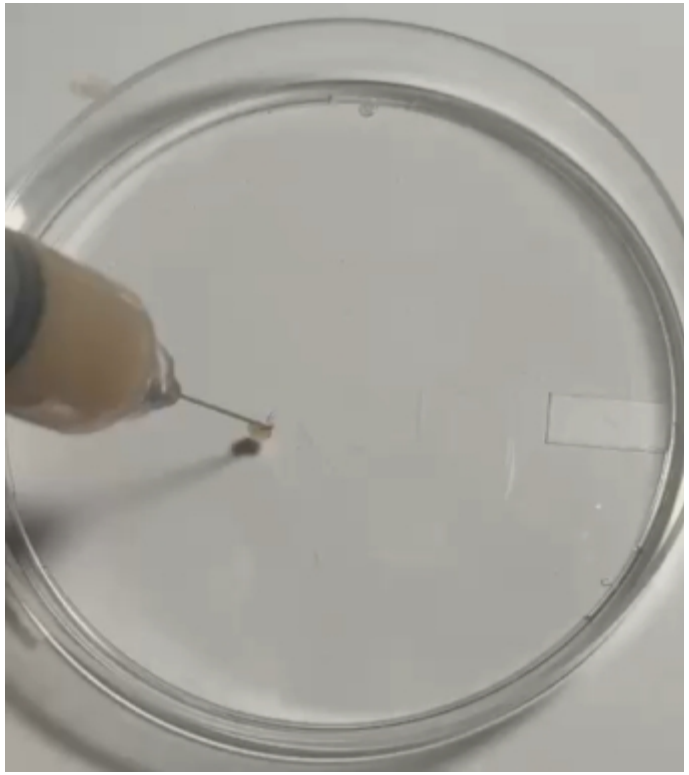


S6: 7% FSM ink filament formation test

Filament formed at higher concentration

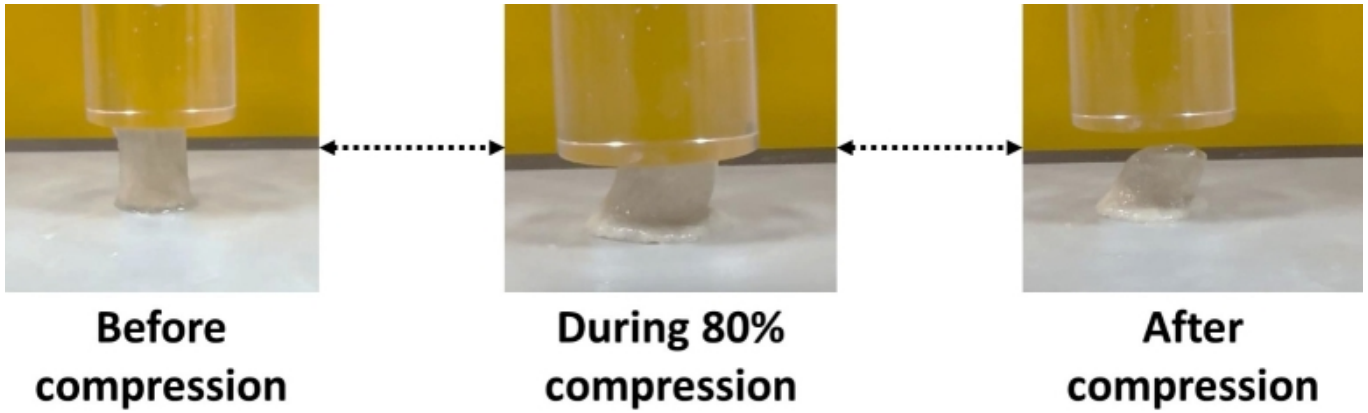


S7: 5% FSM + 4% SPI ink filament formation test



S8: 5% FSM + 4% SPI ink filament formation test

S9: 5% FSM + 4% SPI ink filament formation test



S10: A visual representation of scaffold deformation under 80% uniaxial compression. The scaffolds demonstrated permanent deformation and a loss of structural integrity, with minimal shape recovery upon load removal