3D bioprintable self-healing hyaluronic acid hydrogel with cysteamine grafting for tissue engineering

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3.6 NMR analysis:

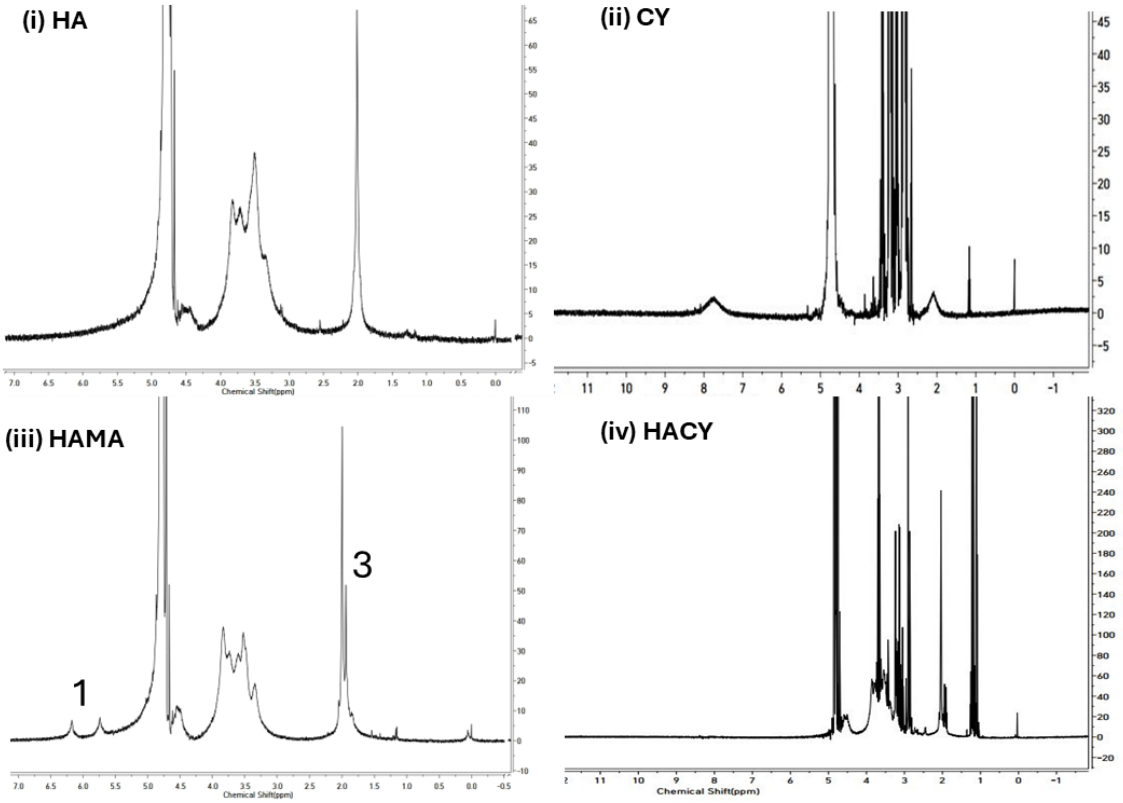


Figure S1. NMR analysis of raw materials and hydrogel.

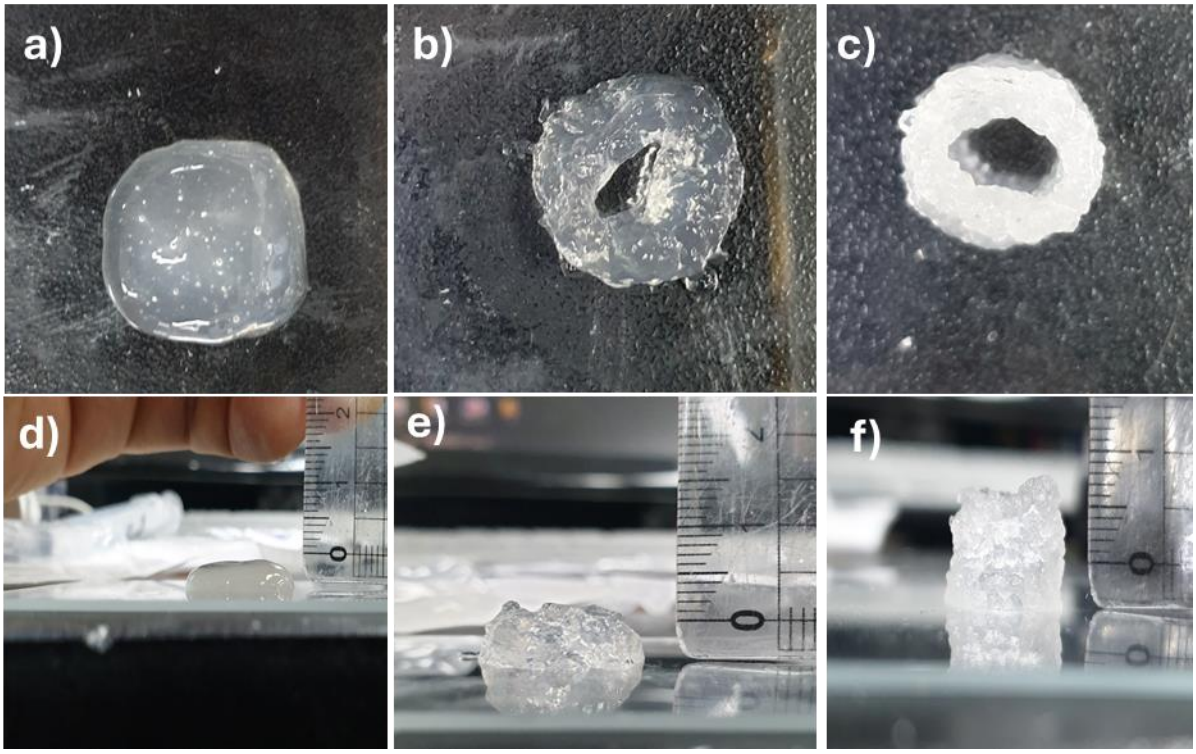


Figure S2. 3D printed hollow cylinders with different hydrogels: a), b) 300 HEA front and top view; c), d) 500 HEA front and top view; e), f) 700 HEA front and top view

Standard calibration equation for tetracycline release study:

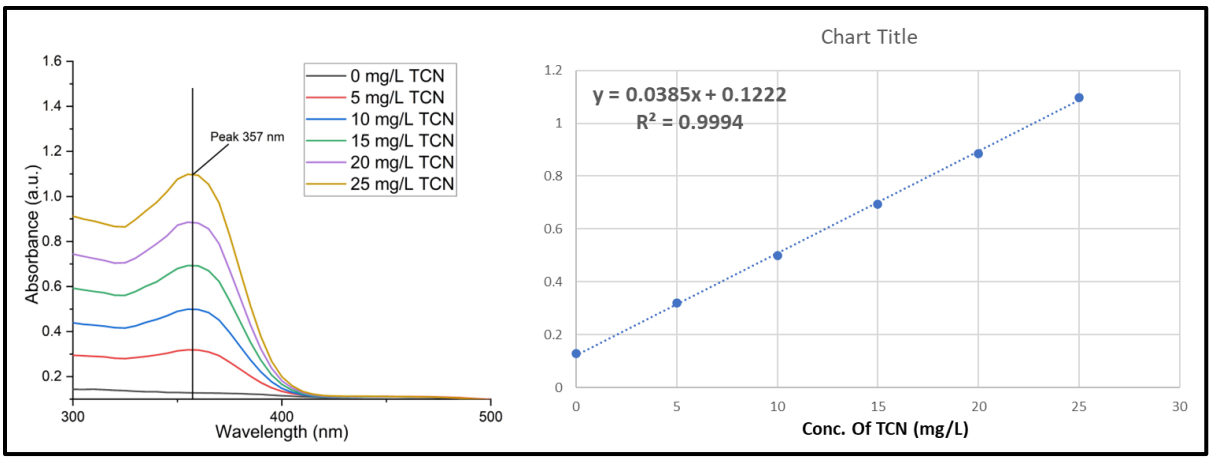


Figure S3. UV spectrum of different conc. Tetracycline (TCN).

Standard calibration equation for BSA release study:

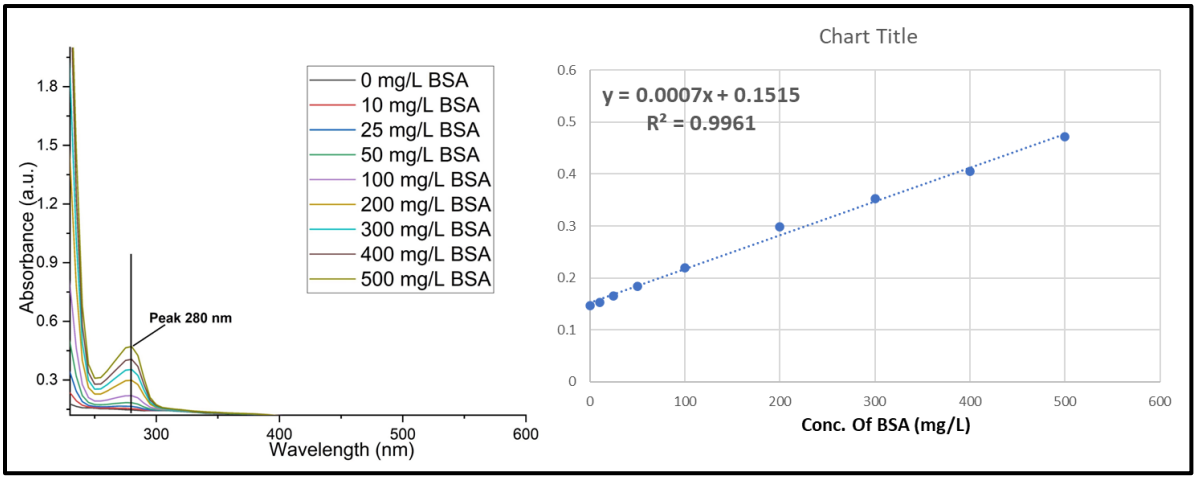


Figure S4. UV-spectrum of different conc. Bovine serum albumin (BSA)

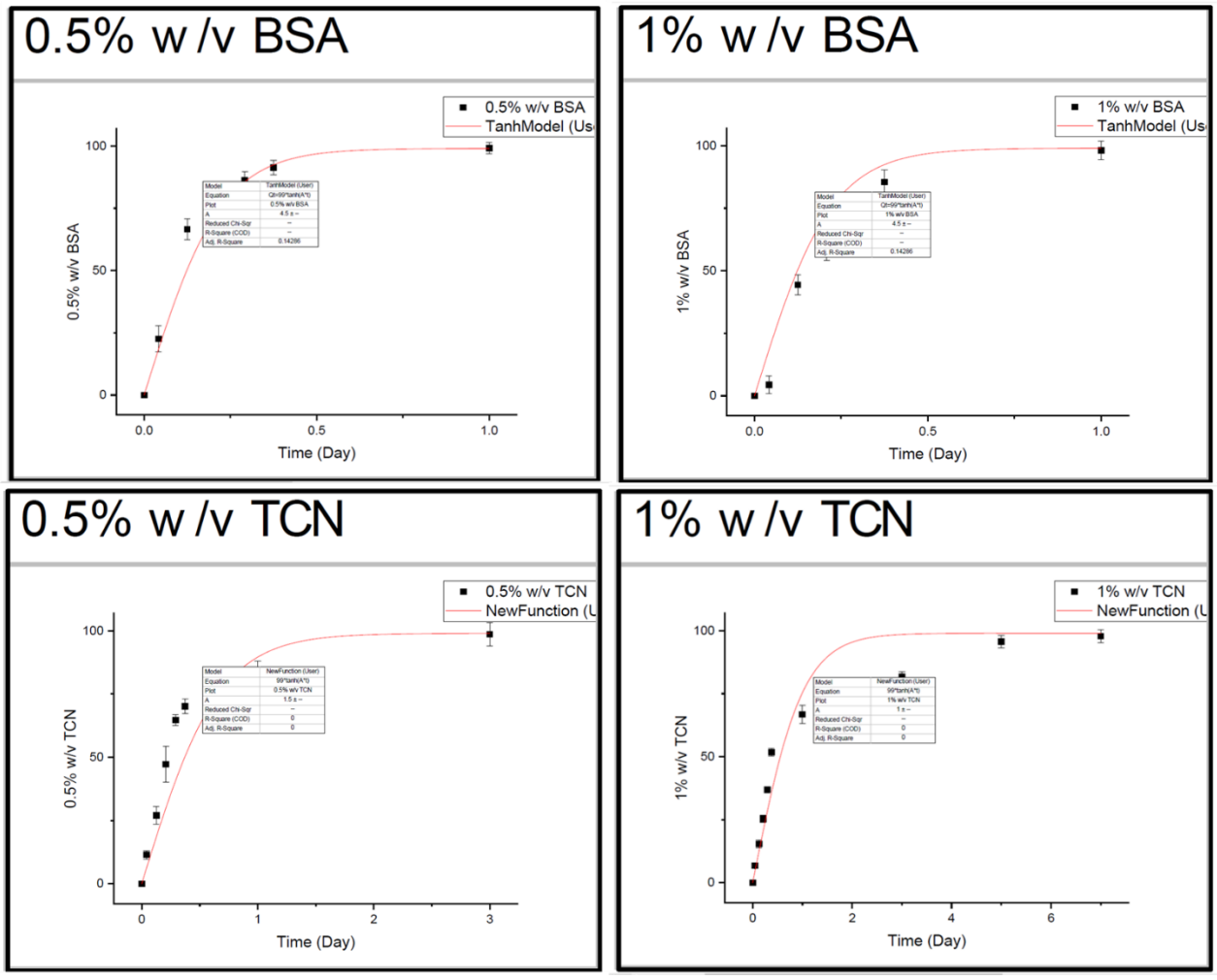


Figure S5. Proposed curve fittings of BSA and TCN in tanh model