

Supplementary Information

Bioconjugation of Carbohydrates to Gelatin Sponges Promoting 3D Cell Cultures

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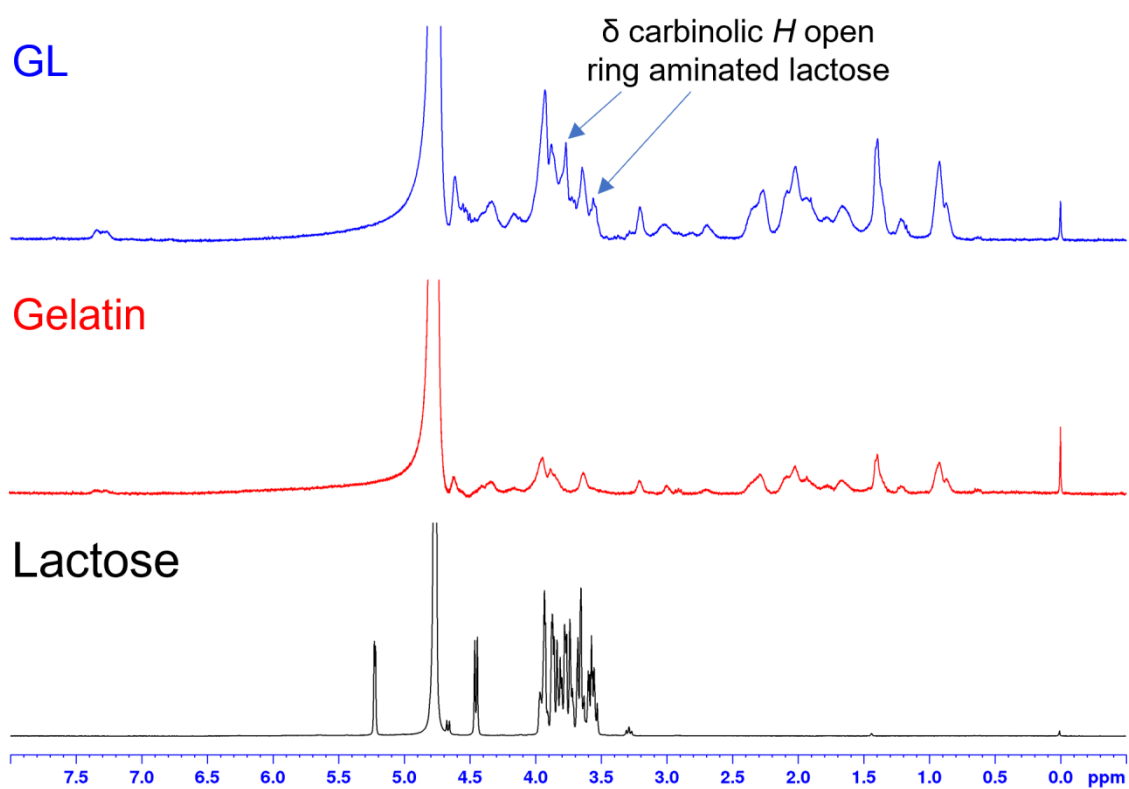


Figure S1. Characterization of gelatin derivatives by ^1H NMR spectra recorded in D_2O at 289 K. ^1H NMR spectra of lactose (black curve), gelatin (red curve) and GL (blue curve).

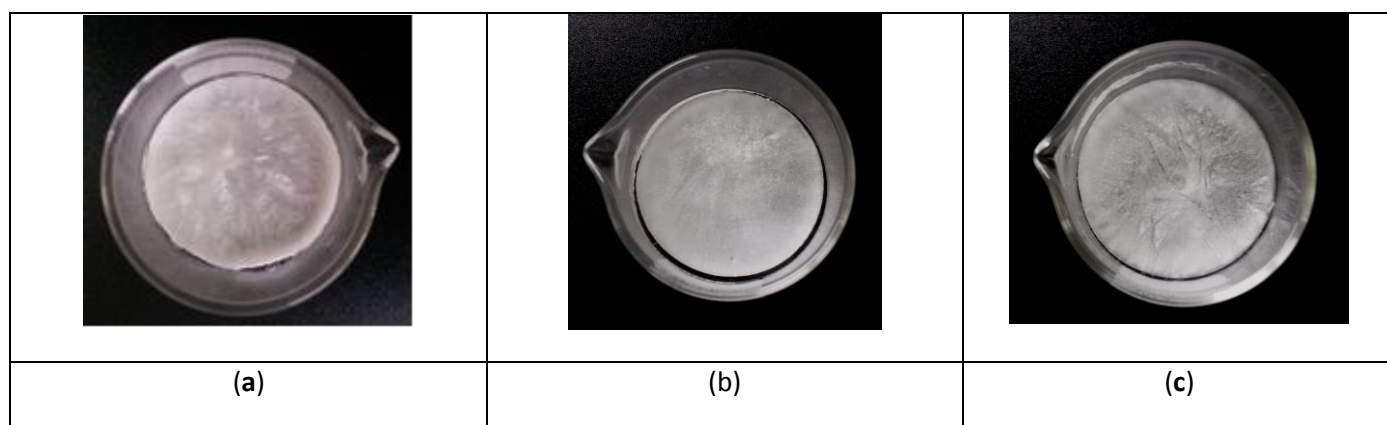
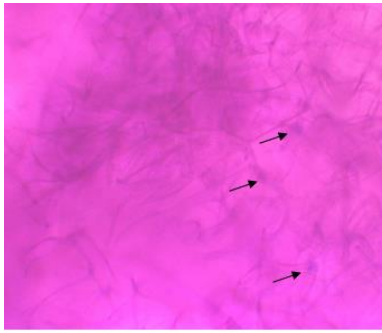
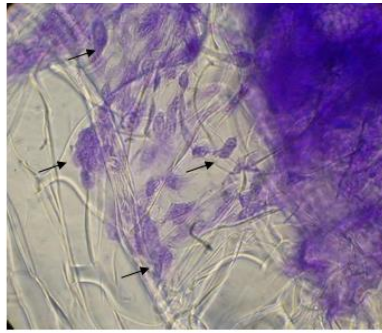


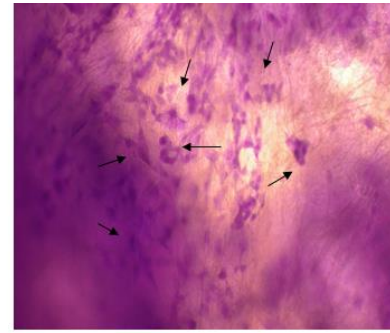
Figure S2. Images of the GS (a), GS-M (b) and GS-L (c) sponges after freeze-drying.



GS-x



GS-Lx



GS-Mx

Figure S3. Microscope images of HepG2 cells grown on GS-x, GS-Lx, and GS-Mx sponges for 13 days, stained with crystal violet. Arrows indicate cells.