Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2020

Supplementary Information

Dynamic Crosslinked and Injectable Biohydrogel as Extracellular Matrix

Mimics for Antibiotics Delivery and 3D Cell Culture

Zhiping Fan*¹, Ping Cheng², Min Liu¹, Sangeeta Prakash³, Jun Han*¹

¹Institute of BioPharmaceutical Research, Liaocheng University, Liaocheng 252059, China

²Liaocheng High-Tech Biotechnology Co.,Ltd, Liaocheng 252059, China

³ School of Agriculture & Food Sciences, The University of Queensland, Brisbane, QLD, 4072, Australia

^{*}Corresponding author: fanzhiping@lcu.edu.cn

Figure S0. ¹H-NMR of PGA

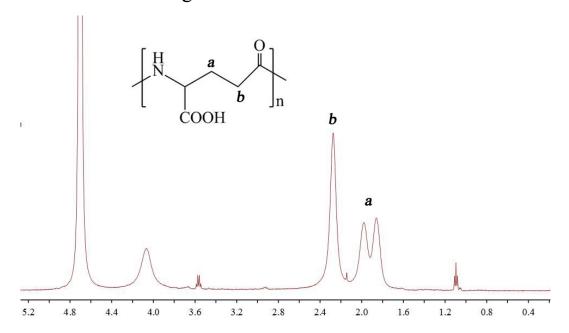


Figure S1. ¹H-NMR of PGAADH

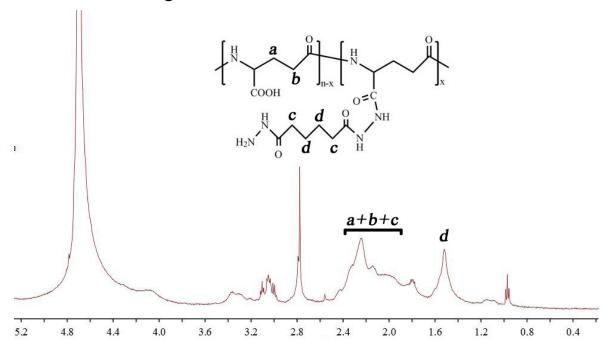


Figure S2. ¹H-NMR of Dextran

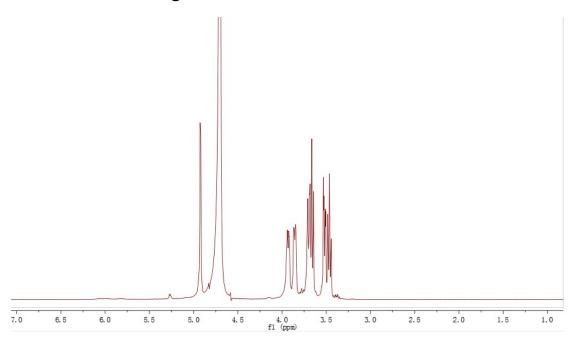


Figure S3. ¹H-NMR of Oxidized Dextran

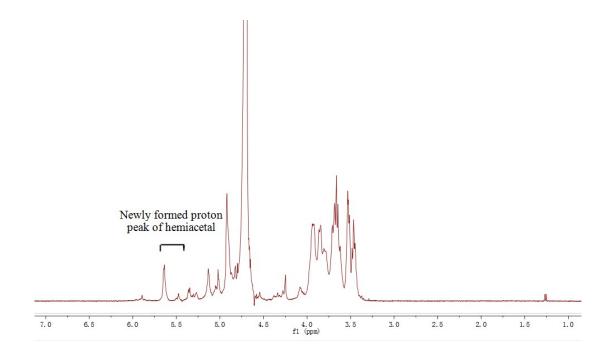


Figure S4. FT-IR of Dextran

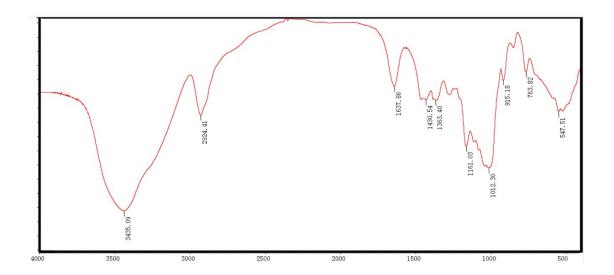


Figure S5. FT-IR of Oxidized Dextran

