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Supplementary Data

Retarded release of small-molecule drugs from phase-separated dextran hydrogels through host-guest complexation

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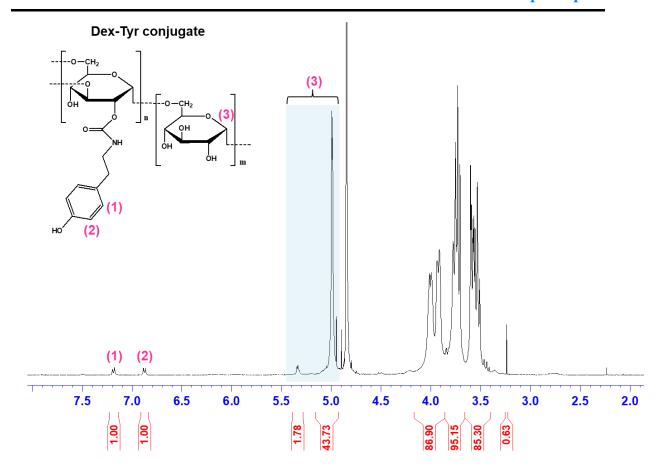


Figure S1. ¹H NMR spectrum of Dex-Tyr conjugate dissolved in D₂O.

Figure S2. Schematic for the formation of 1:1 inclusion complexes between β -lapachone and β CD.

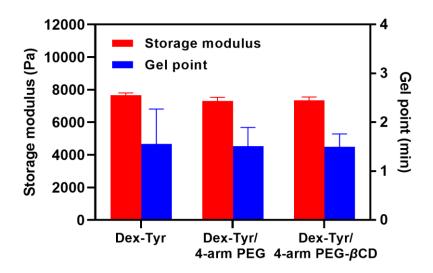


Figure S3. Comparison of the storage modulus and gel point of Dex-Tyr, Dex-Tyr/4-arm PEG and Dex-Tyr/4-arm PEG-βCD hydrogels tested for drug release study. Mean \pm SD (n = 3).

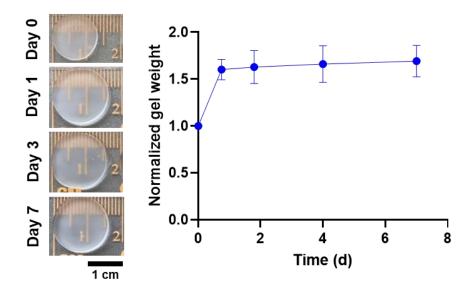


Figure S4. The photographs (left) and normalized gel weight (right) of Dex-Tyr/4-arm PEG- β CD hydrogels incubated for 7 days in PBS solution (pH 7.4) at 37 °C. Mean \pm SD (n = 3).