

Supplementary Materials: Nanohydrogels Based on Self-Assembly of Cationic Pullulan and Anionic Dextran Derivatives for Efficient Delivery of Piroxicam

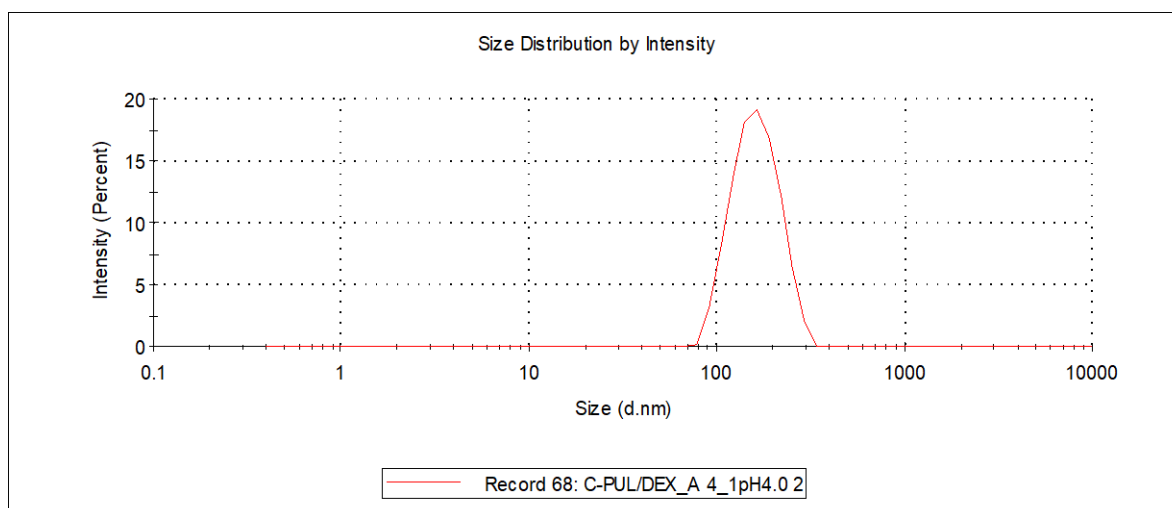


Figure S1. DLS estimation of nanogel particles C-PUL/DEX-A (4:1 system with piroxicam) hydrodynamic diameter in pH = 4.0 (buffer acetate).

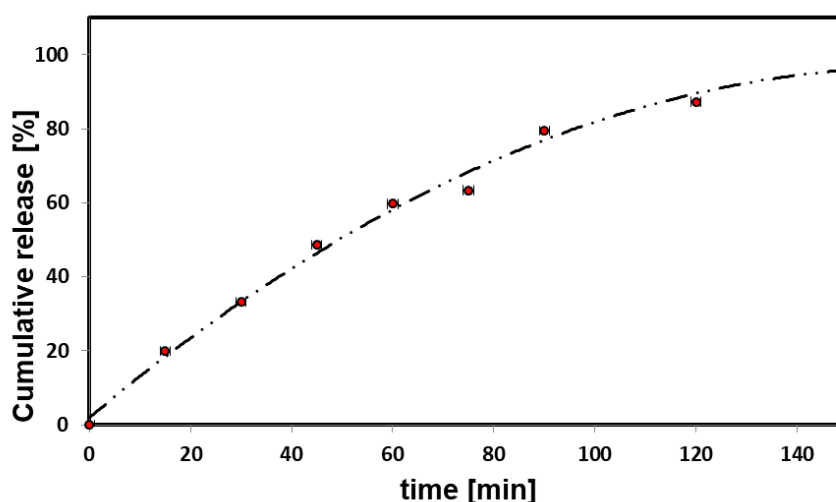


Figure S2. Piroxicam release profile (37 °C, pH = 4) from 4:1 C-PUL/DEX-A nanohydrogel. The error bars represent mean and standard deviations of the single experiments ($n = 3$).

Table S1. Substitution degrees for the obtained cationic derivative of pullulan (C-PUL).

Material	Degree of substitution (DS %) (based on ^1H NMR spectrum)	Degree of substitution (DS %) (based on XPS spectrum)
C-PUL	10.8 ± 2.21	12.1 ± 0.91