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Correction: Acetalated dextran based nano- and microparticles: synthesis, fabrication, and therapeutic applications

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The authors regret that there was an error in the chemical structures presented in Fig. 1c and e. The correct Fig. 1 is given below.

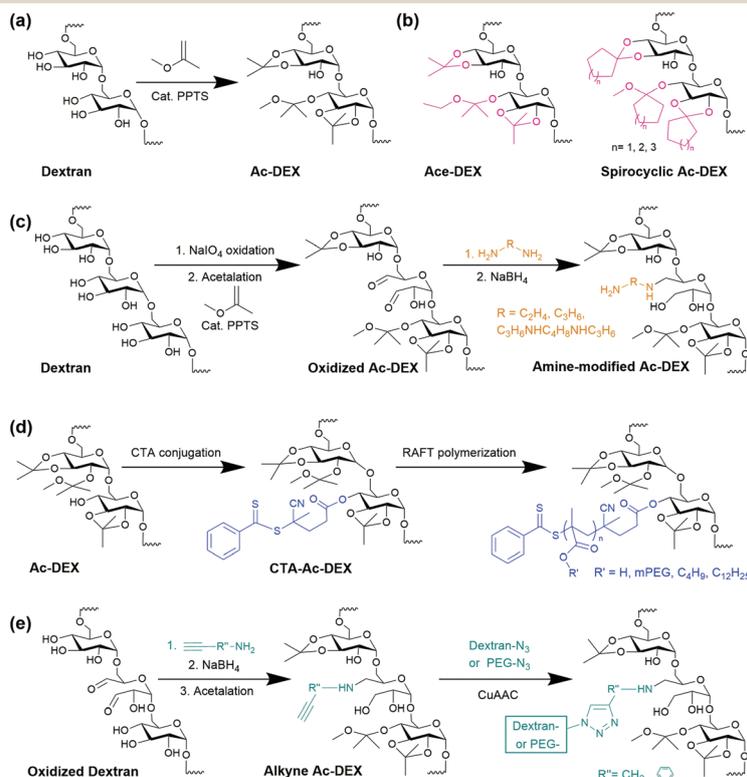


Fig. 1 Schematic synthesis reactions of Ac-DEX and its representative derivatives. (a) Ac-DEX, synthesized from dextran and 2-methoxypropene, catalysed by PPTS.⁸ (b) Other acetal modified dextran. Ace-DEX, synthesized from dextran and 2-ethoxypropene.¹² Spirocyclic Ac-DEX, synthesized from dextran and cyclic enol ethers (1-methoxycyclopentene, 1-methoxycyclohexene, or 1-methoxycycloheptene).¹⁸ (c) Amine-modified dextran synthesis, by partially oxidation of dextran, acetalation, imine bond formation and reduction.^{19,20,23} (d) Grafted Ac-DEX polymers by conjugation of a chain transfer agent (CTA), followed by reversible addition–fragmentation chain-transfer (RAFT) polymerization.^{26,28,29} (e) Amphiphilic Ac-DEX block copolymers, synthesized by Cu(I)-catalyzed azide–alkyne cycloaddition (CuAAC) click reaction.^{31,32}

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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