



Cite this: *Chem. Commun.*, 2021, 57, 4468

DOI: 10.1039/d1cc90141a

rsc.li/chemcomm

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

Shiqi Wang,^a Flavia Fontana,^a Mohammad-Ali Shahbazi^{abc} and Hélder A. Santos^{*ad}

Correction for 'Acetalated dextran based nano- and microparticles: synthesis, fabrication, and therapeutic applications' by Shiqi Wang *et al.*, *Chem. Commun.*, 2021, DOI: 10.1039/d1cc00811k.

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.

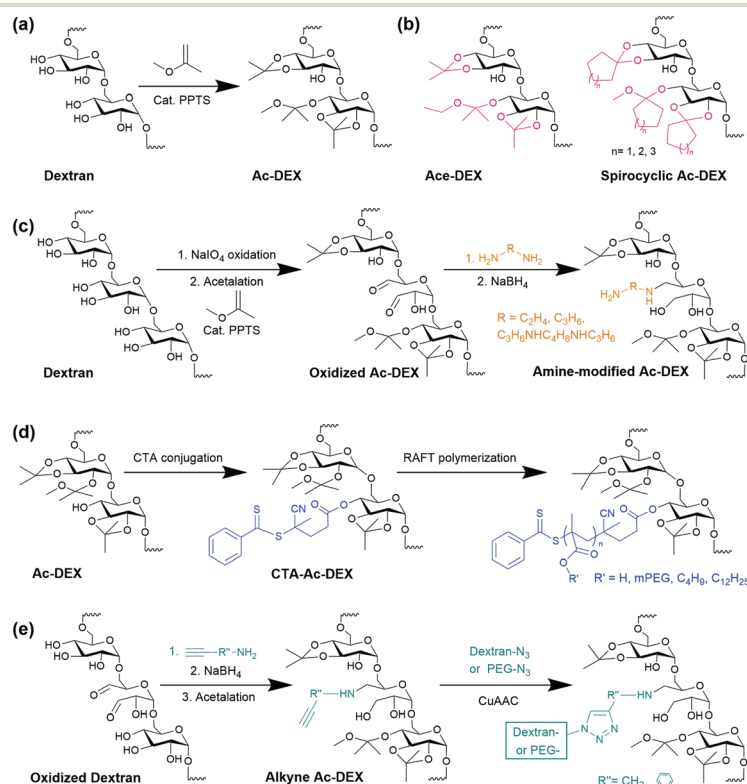


Fig. 1 Schematic synthesis reactions of Ac-DEX and its representative derivatives. (a) Ac-DEX, synthesized from dextran and 2-methoxypropene, catalysed by PPTS.⁸ (b) Other acetal modified dextran. Ace-DEX, synthesized from dextran and 2-ethoxypropene.¹² Spirocyclic Ac-DEX, synthesized from dextran and 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.

^a Drug Research Program, Division of Pharmaceutical Chemistry and Technology, Faculty of Pharmacy, University of Helsinki, FI-00014 Helsinki, Finland. E-mail: helder.santos@helsinki.fi

^b Zanjan Pharmaceutical Nanotechnology Research Center (ZPNRC), Zanjan University of Medical Sciences, 45139-56184 Zanjan, Iran

^c Department of Pharmaceutical Nanotechnology, School of Pharmacy, Zanjan University of Medical Sciences, 45139-56184 Zanjan, Iran

^d Helsinki Institute of Life Science (HiLIFE), University of Helsinki, FI-00014 Helsinki, Finland

