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Correction: Direct carbon capture for the production of high-performance biodegradable plastics by cyanobacterial cell factories

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Correction for 'Direct carbon capture for the production of high-performance biodegradable plastics by cyanobacterial cell factories' by Chunlin Tan *et al.*, *Green Chem.*, 2022, <https://doi.org/10.1039/d1gc04188f>.

The authors regret that an incorrect structural formula for the PLA homopolymer was given in Fig. 4D of the original article. The corrected version of Fig. 4 is shown below.

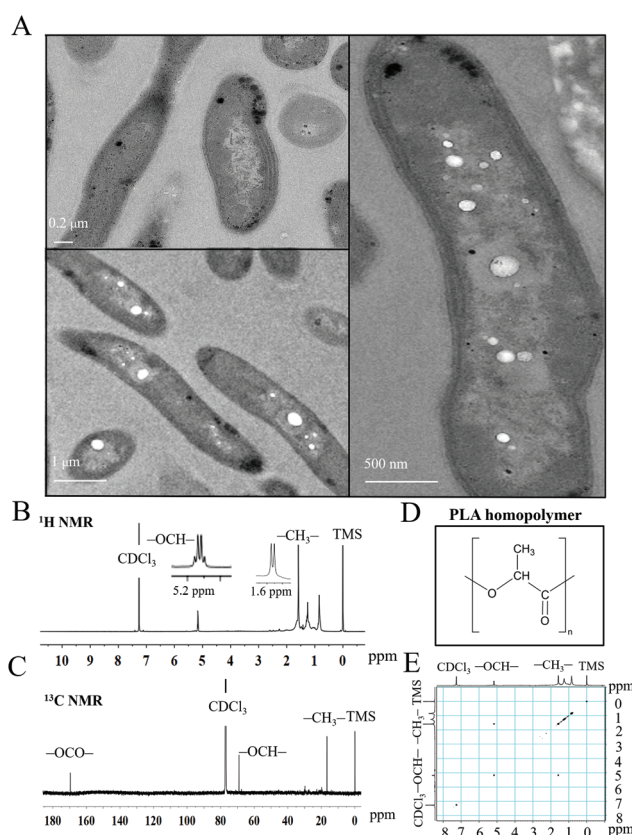


Fig. 4 The characteristics of the PLA homopolymer accumulated inside engineered *S. elongatus* PCC7942. (A) The transmission electron micrographs of the intracellular PLA homopolymer: Top left panel, the wild type of *S. elongatus* PCC7942 cells. The right and bottom left panels, cells of *S. elongatus* PCC7942 harboring the PLA biosynthesis pathway. (B) and (C) The ¹H, ¹³C NMR spectra of PLA homopolymer produced by engineered *S. elongatus* PCC7942. (D) The chemical structure of the PLA homopolymer. (E) The ¹H-¹H COSY NMR spectrum of the PLA homopolymer.

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

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