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# Correction: Synthesis and stereocomplex formation of enantiomeric alternating copolymers with two types of chiral centers, poly(lactic acid-*alt*-2-hydroxybutanoic acid)s

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Correction for 'Synthesis and stereocomplex formation of enantiomeric alternating copolymers with two types of chiral centers, poly(lactic acid-*alt*-2-hydroxybutanoic acid)s' by Hideto Tsuji *et al.*, *RSC Adv.*, 2020, 10, 39000–39007. DOI: 10.1039/D0RA08351H.

In the original manuscript, incorrect weight- and number-average molecular weights ( $M_w$  and  $M_n$ , respectively) were shown for the synthesized and used polymers in the 2. Experimental section. The correct  $M_w$  and  $M_n$  values of P(LLA-*alt*-L-2HB) and P(DLA-*alt*-D-2HB) were  $3.00 \times 10^4$ ,  $3.08 \times 10^4$ ,  $1.53 \times 10^4$ , and  $1.54 \times 10^4$  g mol<sup>-1</sup>, respectively.

Due to the correction of the molecular weight values, the authors would like to remove the following statement regarding the suggested reason for the noncrystallizability of unblended P(LLA-*alt*-L-2HB) and P(DLA-*alt*-D-2HB) in the 3.2. Wide-angle X-ray diffractometry section based on the low molecular weight values: "The noncrystallizability of P(LLA-*alt*-L-2HB) and P(DLA-*alt*-D-2HB) may be due to their lower  $M_w$  values ( $M_w = 3.0 \times 10^3$  and  $3.1 \times 10^3$  g mol<sup>-1</sup>, respectively) compared to those of the P(LLA-*co*-L-2HB) (56/44) and P(DLA-*co*-D-2HB) (52/48) random copolymers ( $M_w = 1.4 \times 10^4$  and  $1.6 \times 10^4$  g mol<sup>-1</sup>, respectively) and P(LLA-*alt*-GA) and P(DLA-*alt*-GA) alternating copolymers ( $M_w = 4.8 \times 10^3$  and  $5.9 \times 10^3$  g mol<sup>-1</sup>, respectively).".

Due to the same reason, in the 3.3. Differential scanning calorimetry section, the authors would like to remove the statement "The lower  $T_m$  values of P(LLA-*alt*-L-2HB) and P(DLA-*alt*-D-2HB) can be attributable to the low molecular weights compared to those of PLLA and PDLA, P(LLA-*co*-L-2HB) (56/44) and P(DLA-*co*-D-2HB) (52/48), and P(LLA-*alt*-GA) and P(DLA-*alt*-GA)". Additionally, the authors would like to replace the statement "The  $T_m$  values for P(LLA-*alt*-L-2HB)/P(DLA-*alt*-D-2HB) ( $M_w = 3.0 \times 10^3$  and  $3.1 \times 10^3$  g mol<sup>-1</sup>, respectively) blends are higher than those for solvent-evaporated and melt-crystallized ( $T_c = 70$  °C) P(L-2HB)/P(D-2HB) ( $M_w = 1.8 \times 10^3$  and  $3.3 \times 10^3$  g mol<sup>-1</sup>, respectively) homopolymer blends ( $T_m = 173.0$  and  $172.1$  °C, respectively)<sup>81</sup> but lower than those for melt-crystallized ( $T_c = 130$  °C) PLLA/PDLA ( $M_w = 4.0 \times 10^3$  and  $5.4 \times 10^3$  g mol<sup>-1</sup>, respectively) homopolymer blends ( $T_m = 197.5$  °C),<sup>78</sup> and solvent-evaporated and melt-crystallized ( $T_c = 160$  °C) P(LLA-*co*-L-2HB) (56/44)/P(DLA-*co*-D-2HB) (52/48) ( $M_w = 1.4 \times 10^4$  and  $1.6 \times 10^4$  g mol<sup>-1</sup>, respectively) random copolymer blends (203.6 and 198.4 °C),<sup>63</sup> and solvent evaporated and melt-crystallized ( $T_c = 100$  °C) P(LLA-*alt*-GA)/P(DLA-*alt*-GA) ( $M_w = 4.8 \times 10^3$  and  $5.9 \times 10^3$  g mol<sup>-1</sup>, respectively) blends (187.8 and 187.6 °C).<sup>67</sup>" with the revised statement "The  $T_m$  values for P(LLA-*alt*-L-2HB)/P(DLA-*alt*-D-2HB) ( $M_w = 3.0 \times 10^4$  and  $3.1 \times 10^4$  g mol<sup>-1</sup>, respectively) blends are lower than those for solvent-evaporated and melt-crystallized ( $T_c = 70$  °C) P(L-2HB)/P(D-2HB) ( $M_w = 3.1 \times 10^4$  and  $3.3 \times 10^4$  g mol<sup>-1</sup>, respectively) homopolymer blends ( $T_m = 218.9$  and  $214.5$  °C, respectively)<sup>81</sup> and those for melt-crystallized ( $T_c = 130$  °C) PLLA/PDLA ( $M_w = 4.0 \times 10^3$  and  $5.4 \times 10^3$  g mol<sup>-1</sup>, respectively) homopolymer blends ( $T_m = 197.5$  °C),<sup>78</sup> and solvent-evaporated and melt-crystallized ( $T_c = 160$  °C) P(LLA-*co*-L-2HB) (56/44)/P(DLA-*co*-D-2HB) (52/48) ( $M_w = 1.4 \times 10^4$  and  $1.6 \times 10^4$  g mol<sup>-1</sup>, respectively) random copolymer blends (203.6 and 198.4 °C)<sup>63</sup>, but similar to those of solvent evaporated and melt-crystallized ( $T_c = 100$  °C) P(LLA-*alt*-GA)/P(DLA-*alt*-GA) ( $M_w = 4.8 \times 10^3$  and  $5.9 \times 10^3$  g mol<sup>-1</sup>, respectively) blends (187.8 and 187.6 °C).<sup>67</sup>".

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

