


CORRECTION

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Correction to: Construction of cell factory capable of efficiently converting L-tryptophan into 5-hydroxytryptamine

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Correction to: *Microbial Cell Factories* (2022) 21:47
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Unfortunately, the original publication of the article [1] contained the below errors.

In Fig. 5, the part Fig. 5c was incorrect and found to be the duplication of Fig. 5e. The corrected Fig. 5 is given below.

In “Abstract” under the Results section, the IPTG concentration that reads as “concentration, 0.5 mM” should read as “concentration, 0.05 mM”.

In “Methods, under the sub heading “Optimization of the production of 5-HT from L-Trp using *E.coli* BL21 (DE3) Δ tnaA/BH4/*HaDDC-SmTPH* whole cell factory”, the sentence that reads as “The investment was carried out at varying concentration trajectories of L-Trp (0.5, 1.0, 1.5, 2.0 g/L), IPTG (0.25, 0.5, 0.75, and 1 mM).....”, should read as “The investment was carried out at varying concentration trajectories of L-Trp (0.5, 1.0, 1.5, 2.0 g/L), IPTG (0.025, 0.05, 0.075, and 0.1 mM).....”.

The authors apologize for the mistakes.

The online version of the original article can be found at <https://doi.org/10.1186/s12934-022-01745-0>.

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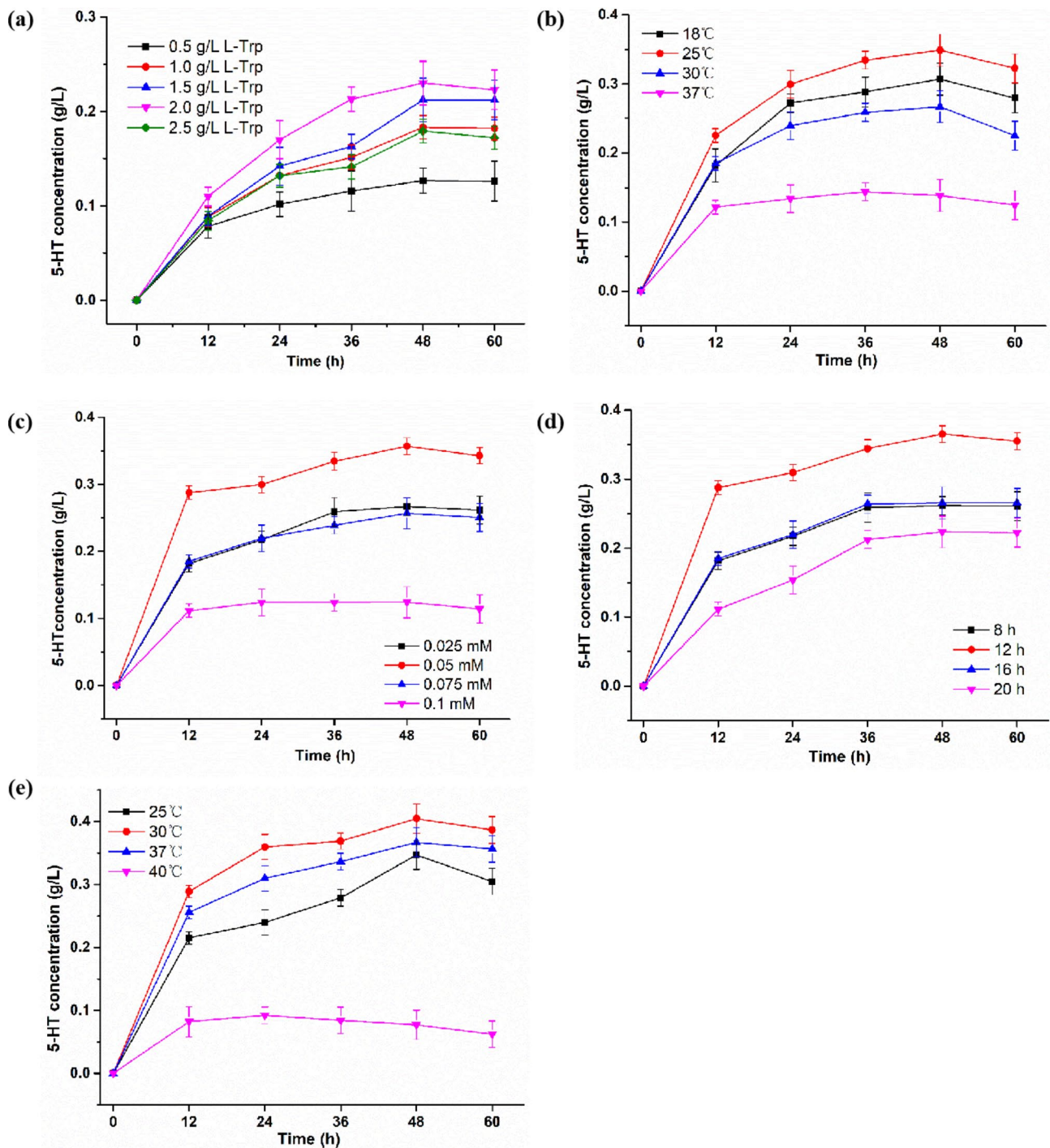


Fig. 5 The effects of induction temperature, induction time, IPTG concentration and catalysis temperature on 5-HT synthesis. (a) Optimal L-Trp concentration for 5-HT synthesis. (b) Optimal culture temperature for 5-HT synthesis. (c) Optimal IPTG concentration for 5-HT synthesis. (d) Optimal induction time for 5-HT synthesis. (e) Optimal catalysis temperature for 5-HT synthesis. Aliquots of solution were taken and diluted for HPLC analysis every 12 h

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References

1. Wang Y, Chen X, Chen Q, et al. Construction of cell factory capable of efficiently converting L-tryptophan into 5-hydroxytryptamine. *Microb Cell Fact*. 2022;21:47. <https://doi.org/10.1186/s12934-022-01745-0>.