

# Review of: "Techno-Economic Fermentative Microbe-Based Industrial Production of Lactic Acid (LA): Potential Future Prospects and Constraints"

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Potential competing interests: No potential competing interests to declare.

As a renewable source of fermentable sugars, the high-value utilization of sugarcane bagasse is of great significance. This work provides a review of the production of lactic acid from sugarcane bagasse in a fermentation way. The pretreatment, saccharification, and fermentation techniques for industrial and lab-scale lactic acid production were also introduced. However, some of the contents can be considered supplements. For example, more discussion on biomass recalcitrance, carbohydrate recovery, and a techno-economic assessment of the lactic acid production process can be added to the review. In addition, some explanations of abbreviated names, like COBRA, COBRA-LE, C<sub>2</sub>H<sub>8</sub>N<sub>2</sub>, IL C<sub>2</sub>H<sub>5</sub>NO, FA, XOS, etc., can be modified to make the reader easily understand. In general, this is interesting work. I hope the above suggestions will help improve the quality of the review. Thank you.