

# 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.

1. Diagram on page 3: Is it possible to place pictures of sugarcane and raw bagasse in the middle? Then, the flow for sugarcane on the right side, while the flow for raw bagasse is on the left side, so we can clearly see the flow for both materials.
2. Keywords for the abstract: remove "lignocellulosic materials" and substitute with small-scale and large-scale production.
3. Please introduce 1G, 2G, and 3G before writing the abbreviations in the text.
4. Second to last sentence on page 5: Techniques for the elimination or purification of LA?
5. What are COBRA and DLCA?
6. Figure 2: It's not clear what the connection is between the top pictures and the bottom pictures.
7. Figure 3: It's not clear regarding the arrow with yeast to distillation.
8. Since the title is "Techno-Economic Fermentative Microbe-Based Industrial Production of LA," it is good to compare any route to produce LA in terms of the selected strains, substrate/feedstock use and price, purity, yield, and production capacity, or suggest which techno-economic fermentative microbe-based route is potentially useful for large-scale production of LA.
9. The conclusion is too long. If possible, summarize and reflect on the aim of this manuscript.