

# 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.

Q1: The abstract needs revision. It contains more of general information related to literature review rather than emphasis on the current work.

Q2: The language of last two point of the highlights needs revision. The use of "It" should be avoided.

Q3: The last line of Section 1 is written as "Table 1 presents the advantages and adverse effects of various fermentation modes of process organizations". However, there are no adverse effects shown in Fig.1.

Q4: In Sections 2 & 3, namely "Biomass Recalcitrance and Carbohydrate Recovery" and "Biodetoxification and Pretreatment with Dry Acid", the drawbacks also need to be discussed along with the advantages. This applies to all the methods discussed in the subsequent sections.

Q5: The paper discusses various methods for the production of valuable chemicals, however, a comparative analysis of all the methods needs to be discussed in order to make the research more comprehensive.

Q6: In the sections 2-6, there are some unnecessary lines such as "Further investigation is needed for various Lactic Acid fermentation configurations using Sugarcane Bagasse or Sugarcane Bagasse-generated sugars" which could be excluded from the sections and mentioned in the future perspectives.

Q7: The conclusion is a bit lengthy and scattered in terms of findings. It needs to be re-written in a concise manner especially pointwise.

Q8: The future perspectives need to be included in a different sub-section. It is not clear enough to be read and understood.