

## 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.

Manuscript Number:	CC-BY 4.0
Full Title:	Techno-Economic Fermentative Microbe-Based Industrial Production of Lactic Acid (LA): Potential Future Prospects and Constraints
Article Type:	Original Article
Abstact	the Abstract needs to be revised.  General information on sugarcane bagasse (definition and quantity produced).  Possible uses for bagasse (bioenergy, organic acids, etc.) (You focused on biogas. We should be talking about products made from sugar cane bagasse).  Importance of lactic acid  Formulate the objective of the study  Methodology of the study  Summarise the main points through a critical analysis  Conclusion
Highlights	When you use a symbol for the first time, you need to define it.
	Paragraph 1 "The distribution of biomass resources and their subsequent role in 1G, 2G, and 3G bioethanol production has been depicted through a flow chart in Figure 1"  This sentence needs to be revised to be more explicit. We are talking about 1G, 2G and 3G bioenergy, not just bioethanol, because other products are manufactured in addition to bioethanol: butanol, biodiesel, biogas, etc.
Section 1 Introduction	Paragraph 2: Before talking about challenges, make it clear that authors have worked on the production of LA.  Paragraph 3: Define LCB symbol  You can't end the introduction with this sentence, which sets out a table showing the advantages. The benefits should come out above, before going on to talk about the work already done on LA production.  I suggest that you clearly state the objective of this work and end the introduction with a plan of the work.
hhA	After the introduction, the methodology should be described using The PRISMA Statement. Draw inspiration from the following documents:



Methodology section	Snyder et al. 2019_literature review as research methodology  Liberati 2009_The PRISMA statement
Section 2	write well the formulae in the document: H <sub>2</sub> SO <sub>4</sub> , CO <sub>2</sub> , H <sub>3</sub> PO <sub>4</sub> , C <sub>2</sub> H <sub>8</sub> N <sub>2</sub> , CH <sub>3</sub> COOH
Section 3	Define COBRA, DLCA
Section 7	-
References	Take account of news references purposed
General observation	This work is scientifically supportable, well written. Suggestions must be taken into account for improve quality.