

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.

This paper develops an interesting and important topic, but there is a lack of greater critical judgment of the aspects discussed, especially the economic aspect, including production costs, and a comparison of the proposed strategies with respect to the conventional method of producing lactic acid using carbohydrates as carbon sources.

I think that it needs to undergo a great revision in order for it to be published.

Location	Recommendation
Page 4, paragraph 1, line 8	Separate SCB from ^[5]
Page 4, second paragraph, line 12	Use the names of these compounds
Page 6, fourth paragraph, line 1 and 7	Idem
Lactic acid (page 6, paragraph 1, line 1) and in all the document	LA
HSES, page 7, paragraph 3, line 4	? (include in the list of abbreviations)
<i>B. coagulans</i> ; <i>L. rhamnosus</i> , Page 8, paragraph 2, line 1	<i>Bacillus coagulans</i> ; <i>Lactobacillus rhamnosus</i> . Review how the names of the microorganisms were written throughout the paper
a bacterium, Page 8, paragraph 4, line 9	a LA-producing bacteria
OPEX, CAPEX, Page 8, paragraph 4, line 9	? (include in the list of abbreviations)
LAB, Page 9, paragraph 1, line 3	Lactic acid bacteria? (include in the list of abbreviations).
Page 9, paragraph 5, line 4	Place a period to separate the sentences. Review throughout the paper.
<i>Escherichia coli</i> , Page 10, paragraph 1, line 1	In italic letters. Review the use of these letters for the names of the microorganisms throughout the paper.
simultaneous saccharification and fermentation, Page 11, paragraph 1, line 3	Delete these words. Review the use of the abbreviations through the paper.
acid, alkali, Page 13, paragraph 1, line 1	Delete these words.
25.34 3.25 g L1 L (+), Page 14, paragraph 2, line 7	?
availability, idem location	productivity?
OPEFB, Page 14, paragraph 2, line 11	? (include in the list of abbreviations)
17.8% to 107.5 g/L, Page 14, paragraph 2, line 13	?
MICF, Page 14, paragraph 3, line 1	? (include in the list of abbreviations)
bio-CNG, Page 15, paragraph 1, line 5	purified biogas? (include in the list of abbreviations)
lakh, Page 15, paragraph 1, line 12	To inform that it is in Indian units

