

Review Form 3

Journal Name:	International Journal of Pathogen Research
Manuscript Number:	Ms_IJPR_127940
Title of the Manuscript:	Profiling the first production assessment of Shigella biosurfactants like molecule in anaerobic conditions
Type of the Article	

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The paper is written in sequential and logical way appropriately. I will recommend the study for publication with the suggested revisions. The study is unique and will help in environment protection with appropriate testing. Non pathogenic strains must be used.	
Is the title of the article suitable? (If not please suggest an alternative title)	Modify the Title so it gives specificity to the study A Novel study of <i>Shigella</i> biosurfactants like molecule produced and assessed anaerobically.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Add a little overview about the methods used in the study.	
Is the manuscript scientifically, correct? Please write here.	Yes as per my knowledge.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	A little more references are required to support this kind of study.	
Is the language/English quality of the article suitable for scholarly communications?	The language and the quality of article is suitable for scholarly communications.	
Optional/General comments	<ol style="list-style-type: none"> 1. Introduction: Explain how type 3 secretary system (T3SS) is playing role in the surfactant production by the strain 2. Methods: Provide ethical no. and Ref. no. for clinical isolates and mutants. Is gram staining is enough for initial characterization? You haven't mentioned the biochemical characterization and specific media for clinical isolates identification. How much population of bacterial culture is inoculated for the biosurfactant production in test tubes, mention the ref. standard. 3. Results: If <i>Shigella</i> is non-motile, how swarming is possible? Justify. Why Biofilm formation has been included, discuss association and the incubation time is very less. 24hrs. are not enough for Biofilm study. Why the anaerobic strains unable to invade the eggs as compare to aerobic. <p>Recommendations for future: 16s rRNA sequencing and testing of Biosurfactant produced by the <i>Shigella</i> strains.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Neha Chauhan
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