



**SDI Review Form 1.6**

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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">British Microbiology Research Journal</a>                                                                                                                                       |
| Manuscript Number:       | Ms_BMRJ_30931                                                                                                                                                                               |
| Title of the Manuscript: | Enhancement of growth and bioactivities of probiotic bacterium <i>Streptococcus thermophilus</i> as influenced by lactalbumin hydrolysate and inulin supplementation in skimmed milk medium |
| Type of the Article      | Original Research Article                                                                                                                                                                   |

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

|                                            | <b>Reviewer's comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Author's comment</b> (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)                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments | In the manuscript, authors have mentioned the probiotic potential of Streptococcus thermophilus and effects of lactalbumin hydrolysate (whey protein) and inulin (prebiotics) supplementation in the production medium on the growth and bioactivity profile of S. thermophilus under different pH and temperature conditions. This experiment should be explained why choose these condition of medium and Anti-oxidant activity. And also, these data has not been statistic. It is important, these data has no any repearted. | <p>1. The pH and temperature conditions were chosen to get an optimised culture conditions for better growth and maximum activities</p> <p>2. Several studies have reported increased growth of the bacterium on addition of Lactalbumin hydrolysate and inulin. So this study has been proposed to see its effects on various activites of the bacterium other than just the growth parameters.</p> <p>3. The data presented in the study were reproducible and were evaluated statistically</p> |
| <b><u>Minor</u></b> REVISION comments      | The form of Table and figure are standard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b><u>Optional/General</u></b> comments    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |