



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">Microbiology Research Journal International</a>                                 |
| Manuscript Number:       | Ms_MRJI_32654                                                                               |
| Title of the Manuscript: | MICROORGANISMS ASSOCIATED WITH THE PRODUCTION OF A NIGERIAN FERMENTED BEVERAGE, 'AGADAGIDI' |
| 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**

|                                            | Reviewer's comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Author's comment (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 | <p><b>Line 18:</b> The meaning of "TB" was not state. This same oversight was repeated elsewhere in the paper.</p> <p><b>Line 20:</b> Authors stated that at 0 hour of fermentation, microbial loads increased. However, increase in microbial load cannot occur at 0 hour which was when the fermentation just started. There should be a time interval between which increase in cell mass and subsequent cell division and increase in number should occur. This statement was made few other places in the manuscript and should be corrected.</p> <p><b>Line 78:</b> The authors stated that they used Pour plate method for the isolation of mesophilic bacteria from the fermenting substrates. However, the authors ought to have used Spread plate method in the isolation since the isolates are aerobic organisms.</p> <p><b>Line 111:</b> Were the authors trying to isolate all the members of the family enterobacteriaceae or were they interested in specific members of the enterobacteriaceae involved in the fermentation process? This issue should be cleared.</p> <p><b>Line 115, 117:</b> What is the possibility of the microbial load increasing at 0 hr before the fermentation started? This event should be reported well to avoid confusion in understanding.</p> | <p>Noted</p> <p>The work was not only based on fermentation period, but the production of the beverage (farm to fork)</p> <p>The isolation and identification started with the raw material which was the ripe plantain pulp. The zero hour of fermentation was immediately after water was been added which increase the microbial load. This maybe as a result of the water not free of microbes.</p> <p>We believed pour plate method would be able isolate both the aerobic and the anaerobic bacteria i.e. both the ones that grows in the solidified medium and on the surface of the medium.</p> <p>We were isolating and identifying all the family of enterobacteriaceae.</p> <p>It increased before fermentation maybe as a result of the water added to the mashed ripe plantain pulps.</p> <p>This work is to examine the production stages of "Agadagidi" which fermentation period is just part of it.</p> <p>This information would be reported well.</p> |



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| <b><u>Minor</u></b> REVISION comments   | <b>Line 171: The phrase: “this data” ought to read: “This finding”...</b><br><b>Line 202: The word “conforms” should read “agrees”.</b>                         | Noted and would be corrected. |
| <b><u>Optional/General</u></b> comments | The presentation of the result is slightly clumsy. The authors should revise their grammars and make them convey useful meanings in simple and scientific form. | Noted and will be corrected   |