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| Journal Name: | [**Journal of Scientific Research and Reports**](https://journaljsrr.com/index.php/JSRR) |
| Manuscript Number: | **Ms\_JSRR\_140120** |
| Title of the Manuscript: | **Impact of Freeze-Drying Conditions on the Functional Properties of Probiotic Lactic Acid Bacteria and Methods to Assess their Viability** |
| Type of the Article | **Review Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **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.** | This review is very important because of the great effect of probiotic lactic acid bacteria in body. Most lactobacillus species form part of the normal flora of some parts of the body. They form Part of the defence mechanism against infection particularly in the female genitalia. Their presence in the mouth, intestinal tract and in breast milk has been of immense benefit.  Any research work that could be done to preserve probiotic lactic acid bacteria for use is encouraged. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title is very suitable for this work.** |  |
| 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. | The abstract is comprehensive enough |  |
| Is the manuscript scientifically, correct? Please write here. The manuscript is scientifically correct. | The review work is extensive. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** |  |  |
| Is the language/English quality of the article suitable for scholarly communications? | There is good presentation of English language. |  |
| Optional/General comments | There seems to be a typographical error. The statement “LAB syntheses enzymes such as catalase and superoxide dismutase...” should actually have read “LAB synthesises enzymes such as catalase and superoxide dismutase...” |  |

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| **PART 2:** | | |
|  | **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer Details:**

**Michael Oghenejobo, Delta State University, Nigeria**