Review Form 1.6

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	**Ms_JSRR_68883**
Title of the Manuscript:	**PROBIOTICS: NEW ERA FOOD FOR HUMAN CONSUMPTION**
Type of the Article	**Review 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.
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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)*
Compulsory REVISION comments	**This manuscript is a review paper dealing with probiotics and their benefits for human consumption as food, as announced well by the title that sounds good. The topic is certainly in vogue and further basic and practical information are still needed to share, even though a lot of review papers have been published recently and in the last years. The authors attempt to emphasize the importance of probiotic consumption as food for human, and particularly report the case in India by introducing the subject with an interesting and real history. Nevertheless, the manuscript contains a number of confusion, lacks some precisions and coherence that should be corrected and improved before it may be accepted for publication.** **1. Some subtitles should be suppressed and others added. These are, for example, PROBIOTICS in the introduction section and SYSTEMS OF PROBIOTIC FUNCTION, which are not necessary. In the contrast, a subtitle HISTORY and DEFINITIONS are much more pertinent after the general INTRODUCTION section.** **2. Some phrases are not necessarily understood or too general, and should be clarified and improved.** **• Abstract** **a. "The article deals with the study of probiotics and its effect on human body"** **It's too general and should in agreement with the title (e.g. food and human consumption). Authors should emphasize the importance of probiotic consumption as food for human, for instance, by adding their own phrase cited later such as "At present, a less number of acknowledged strains of Lactobacilli and Bifidobacteria are accessible for human use to reduce the chances of gastrointestinal contaminations or cure these diseases"** **b. "It also puts a ray on the fact that not all the bacteria around us are disease causing but are also a protective factor against disease causing microbes"** **This phrase is not necessary. By definition, probiotics are beneficial or good microorganisms vs. pathogens, so it is obvious that there are good and bad bacteria around us.** **So please suppress the phrase, or be precise for your message.** **• Introduction** **a. Introduce the subject by talking about probiotics in general and continue with history and definition sections.** **b. Please use "Different technologies and manufacturing processes" instead of "different scientific methods".** **• Mechanism of action** **a. Probiotics may be also yeasts (S. cerevisae, S. boulardii, etc.), not only bacteria.** **b. Improve some phrases (write simple):** **- "The intestinal boundary barriers comprise of (=> include) the mucous layer, antibody IgA, antimicrobial peptides that protects the host from infection"** **- "Utilization of bacterial species that doesn't because harm" Do the author mean harmless bacterial species? If so, please simplify.** **• PRODUCT CREDIBILITY OF PROBIOTICSReview Form 1.6** **Created by: EA Checked by: ME Approved by: CEO Version: 1.6 (10-04-2018)** **a. Improve/correct the following phrases:** **"Innovative strength should likewise be resolved, for example, the capacity of the selected strain to develop to increasing numbers, thought, the balance it creates, and its fusion into the packing material having great tangible properties for being appropriate and to be fast in its effects, be it in genetic aspect or physiological aspect or both completely through the time it is usable for and at the host's active site."** **"Strain obtained from a probiotic bacterium can be different that means same probiotic can two unique strains as it has been tested in lab and on the animal for trial information in, although the result of the same test can vary in human and most likely**	Precisions and coherence of conclusion has been corrected as indicated ok checked and revised accordingly Added these parameters as per suggestion I agree with you and effected Checked ,phrases have been improved Done Okay Agreed Noted Suppressed accordingly Ok done as you have stated Corrected Checked and improved Ok, I have tried to simplify as suggested Revised accordingly

	uncommon" **These phrases are too long, not always understood.** **b. Other parameters influencing the probiotic performance and quality should be cited (e.g. strain stability, dose, ratio, reproducibility of processes, type of adjuvants/protectors used, etc.).** **• MANUFACTURE OF PROBIOTICS** **The authors provide just an example of manufacturing of probiotics without announcing the general steps, which are very important to remind since they influence the quality and performance of the products (e.g. selection of strains and protectors, drying and storage process conditions, etc.)** **• PROBIOTICS IN INDIA** **The authors have never introduced in the abstract or introduction that they are going to report the India case in the manuscript.** **• Conclusion** **a. The authors should remind the importance and interests of probiotics now as alternative natural solutions, environmental and economic impact of probiotic-based food fermentation, etc.** **b. The term "synbiotic" should be mentioned for probiotic combination with other compounds such as multivitamins and nutrients** **• References** **The cited references date up to 2019. The authors are invited to add more recent references in the manuscript.**	These are now cited in revised manuscript Done Revision made Corrected Done Okay, cited recent references as indicated in revised manuscript
Minor REVISION comments	The authors should be careful to the grammar rules and typo errors (e.g. class to classes, include => including, overtakes => overtake, conversations => conservations, properties significant => significant properties, cream.nut => cream nut? help.us => help us to, etc.). "Approximately, 60% of the feces tissue mass in people is (=> are) because of microscopic organisms which is (=> are) there in our body through any means."	We have checked accordingly and improved Made revisions Thank you for your all the suggestions and recommendations
Optional/General comments		

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)*	