



SDI Review Form 1.6

Journal Name:	British Microbiology Research Journal
Manuscript Number:	Ms_BMRJ_24586
Title of the Manuscript:	Improvement of health by probiotics: The roles on human gut, metabolic disorder and immune modulation
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.

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, corrects the manuscript and highlights that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	Abstract: should be short and precise. Avoid long grammar. Line 6: definition of probiotics; you need to mention "when ingested in adequate and controlled amount" Line10-11: Repetition, delete Line 10: remove" and to inhibit...." it is a mechanism of action for the role of probiotics in diarrhoea, IBS, constipation etc Line 13-15 please remove from abstract "Hypertension is caused by various factors and the predominant causes" it is already in the body Line 36: Put a full stop and start with capital letter. "Saprophytic.... Line 39: add "when they enter..... Also remove "microbial" Line 41: correct "pathogenic" to "pathogens" Line47: what about the non-lactic acid producing probiotic bacteria like E.coli -Nissle 1917, Bacillus, Propionibacteria etc.....please mention Line 53: Which is used for safe..... Is this a fact? Rather use " which has been proposed Line 60-76: this explained only one criteria associated with probiotic bacteria ie the ability to survive the environmental condition in the GIT. You didn't mention other criterias such as "they should not illicit allergic reactions, toxic, mutagenic or carcinogenic. Should be genetically stable without	Improved Improved Removed Improved Improved Improved Improved in such manner



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	plasmid transfer etc.....update and add reference Line 101-103- reframe the sentence for better understanding 106: GRAS- write in full, avoid using abbreviations that has not been previously explained Line 124- Reframe e.g “probiotic bacteria capable of.....are being explored” Are they officially in use?, if so, give examples of where and in what form and food they are used with reference. Line 128- Give specific organism that produce these bioactive molecules Line 130: Give references “H.pylori, E.coli etc (ref) site previous study showing the role of probiotics as bio-preservative Line 156: Please give specific probiotic bacteria involved in these roles. Create a column for probiotic organisms Line 157 and 426: Are these figures bona fide? If not, please site the source Line 160-164: Please site references to back up these claim Line 171-174: give references Line 221: Correct “morbidity” to “morbidity” Line 254: Correct “incidence of...” Line 306: release not released Line 314: loss not lost Line 366: risk of breast cancer give reference 426: This table can be merged with table one. They both highlight the role of probiotic in the treatment and management of diseases and disorders Line 437: Are these strains of probiotics really recent? Besides your references are not so recent 1976,2001,2005, 2006, 2007...Avoid the word “recent	Improved Improved Improved Improved Improved I did all figures in my own way using theoretical backgrounds. Improved Improved Improved Improved Improved Two tables merged in to one table Improved
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	and unique” instead “Strains of probiotics found with an optimal number.....”	
<u>Minor</u> REVISION comments	Line 304: put all bacteria names in <i>italics</i> Read through and correct the typographical errors, grammatical errors and punctuation marks. Avoid long grammar with little content. Stick to the point References: Please arrange and ensure uniform reference style	Improved Improved
<u>Optional/General</u> comments	Probiotics is an umbrella word that encompasses a wide range of organisms. It is better to be specific when discussing their uses. There was no mention of possible and existing side effects of probiotics.	The scope of the review is to describe only the positive impacts of probiotics, so, the existing side effect has not be mentioned.