

Review Form 1.6

Journal Name:	Microbiology Research Journal International
Manuscript Number:	Ms_MRJI_75333
Title of the Manuscript:	Influence of Some Antibiotics and Essential Oils Used Alone or in Combination on the Vitality of Presumptive Probiotic Lactic acid Bacteria
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://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

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	<ol style="list-style-type: none"> 1. Table 3 needs to have zone diameters for an antibiotic sensitive strain as a control for each antibiotic tested. 2. Table 4 need to have MIC data for any reference antibiotic sensitive strain used in the experimental design. 3. There is no section on discussion. This is necessary. 4. The reference section is too small. The authors need to add a lot more references and discuss their results with more scientific explanations and cross references. 	
Minor REVISION comments	<ol style="list-style-type: none"> 1. Material and Methods section 2.1,2.2 – What is the rationale behind selecting the essential oils, the four antibiotics since two of these are beta lactams, one is an aminoglycoside and the fourth one is a fluoroquinolone. 2. Are the 4 probiotic bacteria grown aerobically or anaerobically? 3. Section 2.4 – Does Mueller Hinton agar suitable for the growth of the four probiotic bacteria? 4. Section 2.4 – Why was the antibiotic concentration restricted to 1000ppm and 500 ppm? What kinds of controls were used in this experiment? 5. Section 2.5 – Which were the two strains shortlisted? What was the difference in the response for these two probiotic strains? 6. Most probiotic strains produce bacteriocins. Do the 4 strains you selected produce any? If so how would the bacteriocin property affect the antibiotic based inhibition? 	
Optional/General comments		

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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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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