

Review Form 1.6

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_85088
Title of the Manuscript:	Enhancing the antibacterial activity of quinoa fermented by probiotics: In vitro and in vivo study
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:

(<https://www.journaljamb.com/index.php/JAMB/editorial-policy>)

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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	<p>Dear Authors,</p> <p>Thank you for the opportunity to review your manuscript titled, " Enhancing the antibacterial activity of quinoa fermented by probiotics: <i>In vitro</i> and <i>in vivo</i> study". The topic is interesting and of great importance. The authors evaluated antibacterial activity of quinoa fermented by probiotics in both <i>in vivo</i> in rats and <i>in vitro</i> studies. There are certain issues that the authors need to address before the paper can be accepted for publication and I hope to be useful for improving the manuscript.</p> <p>1- The manuscript needs a linguistic revision.</p> <p>2- Please, all titles and subtitles of manuscript parts should follow the instruction of the journal.</p> <p>Methods</p> <p>3- Are the authors made identification of Quinoa and/or Moringa leaves? If yes, Please insert in method section.</p> <p>4- Why the authors do not analyze characteristics of fermented quinoa products besides bacterial counts such as pH, D/L-lactate content, volatile acidity, enzymatic activities, and antioxidant activity?</p> <p>5- Please mention number of samples / animals used.</p> <p>6- Concerning biological experiments, Please determine types, numbers, weights and sex of used rats and also place of purchasing, time of acclimatization before starting experiment.</p> <p>7- Why the authors selected the used ratio of feeding (30%)? Please insert reference if present.</p> <p>8- Please insert method of rat's feces collection and conservation.</p> <p>Results</p> <p>9- Please separate results section from discussion section.</p> <p>10- Please insert abbreviations of groups in all tables' footnotes.</p> <p>11- How the results are presented? Means \pm standard error or standard deviation?</p> <p>12- Please insert standard error in the columns of statistical figures.</p> <p>13- Please insert names of groups of biological experiments in all figure legends.</p> <p>Discussion</p> <p>14- Is poor and needs to be rewrite</p> <p>References</p> <p>15- Please check all references and should follow the instructions of journal.</p>	<p>1- Thanks for your comment. Manuscript was revised.</p> <p>2- Thanks for your comment. All titles and subtitles of manuscript were followed the instruction of the journal.</p> <p>3- Thanks. Quinoa and Moringa were already identified.</p> <p>4- Thanks. I already analysed them but i will publish them in another paper.</p> <p>5- Thanks. I already mention to the number of animals in the title 2.2.4.2.</p> <p>6- Thanks. I mention again to the total number and sex of the animals in the title 2.2.4.1.</p> <p>-Regarding of the animal weights, I think it is Not important because I focused on the microbiological effects in my study.</p> <p>7- Thanks. Most of feeding ratios ranged between 25 and 30%. I selected 30%.</p> <p>8- It is very simple.</p> <p>9- Thanks. Done</p> <p>10- Thanks. I inserted the abbreviations of groups in all tables' footnotes.</p> <p>11- Thanks. Standard deviation.</p> <p>12- Sorry, I have problem in my SPSS program for getting Standard deviation.</p> <p>13- Thanks. Done.</p> <p>14- Thanks. I improved it.</p> <p>15- Thanks. Checked</p>
Minor REVISION comments		

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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?	(If yes. Kindly please write down the ethical issues here in details)	No