

Review Form 3

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_122877
Title of the Manuscript:	Exploring Guava and Neem Extracts as Therapeutic Options for Methicillin-resistant Staphylococcus aureus (MRSA) in Africa
Type of the Article	Review Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>Ms_JAMB_122877: Exploring Guava and Neem Extracts as Therapeutic Options for Methicillin-resistant Staphylococcus aureus (MRSA) in Africa</p> <p>Summary: The submission is on the topic of MRSA and the antibacterial properties of the plant species including <i>A. indica</i> and <i>P. guajava</i> and the synergistic effects of the plant extracts on MRSA in its antimicrobial resistance. The review contains sections on: the prevalence and incidence (overview of tropical and systemic infections, common infections (skin, bone, pneumonia), current treatments), and on the resistance patterns with overview with proportion (percent) infection rates over a confidence interval. The mini-review/systematic review covers the methods of solvent extraction for HPLC, and mechanisms, and the parameters (i.e. ZDI, zone of inhibition). As per the study, the extract composition also has antiviral properties with comparison to the efficacies of the common/conventional antibiotics. There is one table and there are no figures.</p> <p>Assessment: There are some comments to consider. Each of the tables can include some more details on the insolation procedures and the confidence intervals can be shown. There should be tables and/or figures for the extracted composition of the two plants with similarities and differences between the composition effects; table footnotes and fig. ledgers each of 3-4 sentences describing the figure should be included. At what EC50 does the whole composition or specific chemicals of the composition, low or high concentration as per the potency curves. Can some ZDI cultures be shown in a multi-panel figure; and is the Ames test applicable for such work, i.e. could Histidine non-metabolizers be reverted to constitutively active Histidine positive (His+) bacteria. The sentence "will eventually provide in-depth information about these plants" is out of place; and the recomm. and conclusions section can just be conclusions.</p> <p>Overall/recs.: Once the above information considered, then the submission can be further assessed for suitability.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title meets the subject matter.</p>	
<p>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.</p>	<p>The abstract is informative of the subject matter.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The sections contain the subject matter of the review.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The mini-review covers the subject matter.</p>	

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Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are in support of the discussion.	
<u>Minor REVISION</u> comments Is the language/English quality of the article suitable for scholarly communications?	The sentences are structured.	
<u>Optional/General</u> comments	Any grammatical checks can be performed after the reviewer comments are addressed.	

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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