

**Review Form 3**

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

## Review Form 3

### PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>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.</b></p>	<p>MRSA is a virulent strain of antibiotic-resistant <i>Staphylococcus aureus</i> and a Principal cause of disease prevalence and death rates. MRSA's resistance to traditional antibiotics makes it a rather crucial threat to public health. Medicines from plants prove to be better antimicrobial agents even though their antibacterial activity is milder than conventional antibiotics. This review investigated the potential of Neem and Guava extracts as therapeutic treatments for MRSA infections. In the course of this review, it was discovered that the exact mechanism of actions of these plants remain unexplored but their efficacy is widely researched. The review underlines that extracts from guava and neem show great promise as alternative treatments for the fight against antibiotic resistance. With their broad-spectrum activity, lower susceptibility to resistance, and synergistic interactions with traditional antibiotics, they have the potential to improve upon the antimicrobial techniques currently in use.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p><b>Yes</b></p>	
<p><b>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.</b></p>	<p><b>Yes, the abstract is concise and to the point</b></p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p><b>Since MRSA has resulted in global pandemic, not just Africa, one more paragraph may be added mentioning infections caused by MRSA globally as well as antimicrobial resistance trend of MRSA globally.</b></p>	
<p><b>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.</b></p>	<p><i>Staphylococcus aureus</i> is responsible for several bacterial infections in the human population and is capable of developing resistance to several antibiotics, posing the world's health at risk while rendering treatment more challenging. Multiple studies show that they can prevent growth of MRSA and stop formation of biofilms. The review highlights the necessity of conducting more thorough clinical trials and standardizing procedures to validate the therapeutic potential of these plants against MRSA.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p><b>Yes</b></p>	
<p><u>Minor</u> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><u>Optional/General</u> comments</p>		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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