



SDI Review Form 1.6

Journal Name:	<a href="#">South Asian Journal of Research in Microbiology</a>
Manuscript Number:	Ms_SAJRM_53685
Title of the Manuscript:	Evaluation of Phytochemical Constituents and Antibacterial Activity of Chromolaena Odorata L. Against Selected Multidrug Resistant Bacteria From Wounds
Type of the 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, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory</b> REVISION comments</p>	<p><b>INTRODUCTION</b> In the last paragraph of introduction section, give the full binomial nomenclature of the microbes used. Example, Staphylococcus aureus. The short form such as S. aureus can only be used after the generic epithet must have been written in full at the beginning of the paragraph.</p> <p><b>MATERIALS AND METHODS</b> The heading should be materials and methods NOT methodology.</p> <p>In section 2.1, prior to the collection of the wound samples, mention the statement of seeking patients' consent, and acquisition of ethical clearance for conducting research using human subjects.</p> <p>What brings about the choice of 87 as sample size? Was it based on previous prevalence of wound pathogens? Authors should clarify the arrival at the stated sample size.</p> <p>Recast the last sentence under sample collection to "The bacterial isolates were maintained in the form of culture as collected from the Department of Microbiology, Federal University of Technology, Akure."</p> <p>In section 2.4, write <i>Chromolena odorata</i> in full. Also, input the voucher number for the authentication of the plant for future reference. Cite the reference source from where the equation for the determination of percentage yield was adopted.</p> <p>In section 2.8, put the correct spellings of the antibiotics used, example gentamicin and amoxicillin.</p> <p>In section 2.10, do not start a sentence with Arabic numerals. Use "A volume of 0.1 ml of the standardized inoculum..."</p> <p><b>RESULTS AND DISCUSSIONS</b> Which results were portrayed in Figures 2, 3 and 4? The isolated species or the reference typed strains? Make the title legends more informative.</p> <p>Table 4 is very confusing... Are the authors trying to depict that all the 10 isolates of <i>Staphylococcus aureus</i> and all 27 isolates of <i>Pseudomonas aeruginosa</i> used in this study are resistant to ciprofloxacin, streptomycin and septrin? Remember, there are broad spectrum antibiotics, at least some strains supposed to show sensitivity. Authors should be specific on the number of isolates used in antimicrobial resistance profiling.</p> <p>In table 5, what extract does the authors referred to as purified?</p> <p><b>CONCLUSION</b> The statement wound healing is vague, because the extract showed antimicrobial activity against secondary bacterial pathogens associated with wound, but the healing potential can be attributed to the degree of severity of the wound, anatomical site occurred, physiology of the patient and patient's lifestyle as well as patient care services rendered.</p>	



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<b>Minor</b> REVISION comments	The title should be recasted to: <b>Evaluation of Phytochemical Constituents and Antibacterial Activity of Chromolaena Odorata L. Leaf Extract Against Selected Multidrug Resistant Bacteria Isolated From Wounds</b>	
<b>Optional/General</b> comments	The study is well organized, and hence it is publishable.	

**PART 2:**

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

**Reviewer Details:**

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