



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Advances in Microbiology</a>
Manuscript Number:	Ms_JAMB_53862
Title of the Manuscript:	Screening of in vitro antibacterial activity of Rumex vesicarius leaves extracts against twelve pathogenic bacterial
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>The author needs to improve the language in order to get the reader understand the manuscript. The details of experimental should be added.</b></p> <p><b>The comments:</b></p> <p>Abstract:</p> <ul style="list-style-type: none"> <li>- "The study showed that the extract of methanol among twelve bacterial strains where highest zone of inhibition 12mm in <i>Staphylococcus constellatus</i> and no zone of inhibition in <i>Aeromonas diversa</i>." the author needs to explain why the Aeromonas should be highlighted and not the other bacterial?</li> <li>- The author needs to include the concentration of extract in abstract.</li> </ul> <p>Plant samples:</p> <ul style="list-style-type: none"> <li>- Please specify the concentration of extract. Need to know the weight and volume to get the concentration. This information is crucial.</li> </ul> <p>Antibacterial activity:</p> <ul style="list-style-type: none"> <li>- "20µl/disc of each plant extracts were taken with": How many samples were used? Please specify.</li> <li>- Why 14 hrs? Please explain.</li> </ul> <p>Results</p> <p>Antimicrobial study</p> <ul style="list-style-type: none"> <li>- "concentration of 5g/disc has zone of inhibition": Please standardize the concentration unit used, in 5g or 5 ul?</li> <li>- Please improve the language. Hard to follow. Prefer to do proofread.</li> <li>- In Table 2: Please include the unit of inhibition.</li> <li>- How the measuring process of inhibition. From the centre of disc or start at the edge of disc? The standard diameter of disc is 6 mm.</li> <li>- Figure 1: Please show which one is extract and kanamycin.</li> </ul> <p>MIC</p> <ul style="list-style-type: none"> <li>- Table 3: What the author wants to show from Table 3? I don't understand. It should have the MIC values.</li> <li>- Figure 2: Please label all the samples.</li> </ul> <p>Discussion</p> <ul style="list-style-type: none"> <li>- "Extracts of <i>Rumex vesicarius</i> leaves demonstrated significant inhibitory effect against all the bacteria except <i>Aeromonas cavernicala</i>." Contradict with the Figure</li> </ul>	



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	<p>1. It shows the inhibition on <i>Aeromonas cavernicala</i>.</p> <ul style="list-style-type: none"> <li>- “The highest inhibition zone of gram-negative bacteria was 10 mm diameter found against <i>Xanthomonas campestris</i>”: Inhibition against <i>Xanthomonas campestris</i> almost identical with samples E, F, H, I, K, L.</li> <li>- Please explain what do you mean by weak and strong bacteria?</li> <li>- Please explain what is the possible mechanism of the antibacterial activity from the extract?</li> </ul> <p>Conclusion</p> <ul style="list-style-type: none"> <li>- What is the bioactive compounds in the extract?</li> <li>- How it is possible? probably contain high biological activity</li> </ul>	
<b>Minor</b> REVISION comments	<p>Materials:</p> <ul style="list-style-type: none"> <li>- Please list down all chemical used and sources (company)</li> <li>- Please specify the sources of bacterial used.</li> </ul> <p>Determination MIC</p> <ul style="list-style-type: none"> <li>- “incubated for 48 h at 37°C”: Please specify the instrument used.</li> </ul>	
<b>Optional/General</b> comments	No.	

**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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