



SDI Review Form 1.6

Journal Name:	Journal of Advances in Microbiology
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>Compulsory REVISION comments</p>	<p>The author needs to improve the language in order to get the reader understand the manuscript. The details of experimental should be added. The comments: Abstract: - "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 <i>Aeromonas</i> should be highlighted and not the other bacterial? - The author needs to include the concentration of extract in abstract. Plant samples: - Please specify the concentration of extract. Need to know the weight and volume to get the concentration. This information is crucial. Antibacterial activity: - "20µl/disc of each plant extracts were taken with": How many samples were used? Please specify. - Why 14 hrs? Please explain. Results Antimicrobial study - "concentration of 5g/disc has zone of inhibition": Please standardize the concentration unit used, in 5g or 5 ul? - Please improve the language. Hard to follow. Prefer to do proofread. - In Table 2: Please include the unit of inhibition. - 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. - Figure 1: Please show which one is extract and kanamycin. MIC - Table 3: What the author wants to show from Table 3? I don't understand. It should have the MIC values. - Figure 2: Please label all the samples. Discussion - "Extracts of <i>Rumex vesicarios</i> leaves demonstrated significant inhibitory effect against all the bacteria except <i>Aeromonas cavernicala</i>": Contradict with the Figure 1. It shows the inhibition on <i>Aeromonas cavernicala</i>.</p>	<p>Action has been taken</p> <p>Weight and volume has been added</p> <p>Concentration was 20ug/disc</p> <p>Inhibition zone was measured from the centre of the dishes</p>



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	<ul style="list-style-type: none"> - "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. - Please explain what do you mean by weak and strong bacteria? - Please explain what is the possible mechanism of the antibacterial activity from the extract? <p>Conclusion</p> <ul style="list-style-type: none"> - What is the bioactive compounds in the extract? - How it is possible? probably contain high biological activity 	
Minor REVISION comments	<p>Materials:</p> <ul style="list-style-type: none"> - Please list down all chemical used and sources (company) - Please specify the sources of bacterial used. <p>Determination MIC</p> <ul style="list-style-type: none"> - "incubated for 48 h at 37°C": Please specify the instrument used. 	List has been given
Optional/General comments	No.	

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>	