



SDI Review Form 1.6

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_34439
Title of the Manuscript:	Study of the antibacterial activity of aqueous and ethanolic extracts of the stem bark of Erythroxylum emarginatum (Erythroxylaceae)
Type of the Article	Original Research 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)
Compulsory REVISION comments	1. Give Reference indicating that this plant has been used traditionally for antibacterial activity - In the following line you are writing that powder obtained at the end of evaporation. Are you sure it was powder or some gel like structure? "The powder obtained was the total aqueous extract used in the preparation of the various concentrations of the drug" 700ml ethanol and 300 ml water will not be called as ethanol extract it is basically aqueous-ethanol extract. So topic should be "Study of the antibacterial activity of aqueous and aqueous-ethanolic extracts of the stem bark of <i>Erythroxylum emarginatum</i> (Erythroxylaceae)" - Mention subspecies of plant as well. - Why did not you use ethanol as control? Ethanol might have antibacterial activity as well	1. De Wet H. Antibacterial activity of the five South African <i>Erythroxylaceae</i> species <i>African Journal of Biotechnology</i>, 2011; 10 (55), p. 11511-11514 - Yes it was powder (Figure 2 and 3) - Hydroethanolic extract - I mentioned this in the introduction - The ethanol was used to obtain the powder therefore has no influence on the analysis



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	6. Or give some reference indicating that ethanol do not have significant antibacterial activity 7. “These extract sare more efficient than Ciprofloxacin (reference molecule).” Remove typographic errors. 8. In Table number 3 you are showing only one result for each of the extract but you did not mention at which dose/ dilution these results are obtained	6. The ethanol was used to obtain the powder therefore has no influence on the analysis 7. I took this observation into account 8. I mentioned the dose used
<u>Minor</u> REVISION comments	1. “The methods used for the evaluation of the antibacterial activity were the method of macrodilution in a liquid medium and the diffusion method in agar medium” Rephrase this line in a better way. 2. Extend introduction elaborate about plant. What is impact of this study? 3. Where there is need of evaluating antibacterial activity of medicinal plants. Here you can mention that bacteria are getting resistant to antibiotics so new antibiotics are needed. 4. Discuss some phytochemistry of plant as well.	
<u>Optional/General</u> comments	1. Review paper again and remove typographic errors. 2. Add some picture of plates and zone of inhibitions if possible.	