

Review of: "Antimicrobial Sensitivity of Plant Extracts of *Acacia arabica*, *Prosopis juliflora*, *Abutilon indicum*, and *Bryonia laciniata* on *Staphylococcus aureus*, *Pseudomonas aeruginosa*, and *Escherichia coli*"

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Potential competing interests: No potential competing interests to declare.

Comments:

1. Title: The title is not clear and descriptive about the research; I think it is better if it would be as follow

'Antimicrobial Effect of Extracts of *Acacia arabica*, *Prosopis juliflora*, *Abutilon indicum*, and *Bryonia laciniata* on *Staphylococcus aureus*, *Pseudomonas aeruginosa*, and *Escherichia coli*'

1. In the abstract, the statement that says "This study determined the antimicrobial sensitivity profile of *Staphylococcus aureus*, *Pseudomonas aeruginosa*, and *Escherichia coli* against plants like *Acacia arabica*, *Prosopis juliflora*, *Abutilon indicum*, and *Bryonia laciniata*" is not clear and needs to be rephrased clearly
2. In method: first sentence is repetition of the background, and I don't see its importance and the last phrase is result not method. Your method should describe the extraction and bioassay protocol briefly.
3. The result **is not in agreement with results of experiment** Only AALE with 4 and 5 mm against *E. coli* and BLSE (Eth) with 5 mm against *S. aureus* are significantly active and results didn't show significant activities.
4. In the introduction, in-text citation is not uniform (some of them are superscript and others normal), grammar such insertion of appropriate space b/n words specially the words that come after of---
5. As it has been discussed in theoretical background, these plants were studied in detail and the active phytochemicals were identified and evaluated, thus, the current study is not novel at all
6. In material and methods, even though, there are several solvents only aqueous and ethanol have been used. Is there any justification for this solvent selection?
7. Ethanol was one of the solvents and has been used as a control. The result reported as no zone of inhibition for *E. Coli* and slight inhibition zone (1.3) for *P. aeruginosa* and 1.1 for *S. aureus*. However, it is known that Ethanol is universal antibacterial and kills almost all microorganisms. Thus, how this general truth can be reconciled?
8. Plate diffusion assay was used instead of disk diffusion method, what are the advantages of plate diffusion over disk diffusion. What is the major difference b/n the two assay methods? However, the procedure followed was not plate diffusion, it is rather a well diffusion method. Needs justification
9. During bioassay, controls should be both negative and positive. However, in this manuscript there is no any positive control that has been used and therefore a positive control needs to be used.

10. The researcher asserted that the current research has greater potential of *Acacia arabica*, *Prosopis juliflora*, *Abutilon indicum*, and *Bryonia laciniosa* plants compared to previous experiments. What is the justification for this result?