

# 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.

## Questions

1. Explain why the plants studied and the bacterial strains on which the plant extracts were tested were chosen. In other words, what was the basis for the choice of plant species and bacterial strains?
2. Why didn't the summary specify how the activity of the plant extracts was assessed? Was it by determining MIC, MBC, or both? Precise it.

## Points for improvement

**Title:** Italicise the scientific names of the plant species studied.

**Keywords:** Review the keywords. Choose words that by themselves can give an idea of the work done. "Antibiogram pattern," for example, is not a relevant choice.

### Introduction:

- The context and the problem to which the study aims to provide a solution are not satisfactory.
- Unless it is a requirement of the journal, I think that the presentation of the monograph of the plant species studied is not necessary in the article. Thus, points 1.1 to 1.4 can be dispensed with.
- The same applies to Figure 2.2.
- Also, the numbering in two (1.1; 1.2; 2.1, etc...) is not pleasant to see in the document as it stands. It would be a good idea to remove them and just keep those for the main parts (Introduction, Materials and Methods, etc...), although the numbering can be dispensed with here.

## Materials and methods

1.1 Collection of plant samples: Which parts of plants have been collected? Notify it already here. Is it the same part that has been collected per plant?

Figure 2.2. I think we can do without it.

2.4. Put species names in italics.

## Results

3.1. After 24 hours, ..... in Table N°2.3: Unless recommended by the journal, write Table 1, Table 2, etc... Ditto for the figures.

3.2. Replace the **i.e.** by parentheses, which would be more pleasant to read.

Put the title of Table 3.4 on the same page as the table itself. Also for this table, combine the last three columns in the first line and enter the contents of the table for a better presentation.

3.3. Move the figure down so that the entire figure is on the same page.

3.4. The graph has no title, so give it one. Wouldn't there be another way of presenting the results of this part? As it stands, it's easy to see what needs to be understood.

## Discussion

Fifth line: What do you mean by "fresh juice"?

Second paragraph: "Poonkotal reported.... active against *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Escherichia coli*, and *Salmonella typhi* (25, 25, 17, 18)". Add respectively to the sentence so that we know which values of inhibition zone diameter go with which species. Also add "mm" after each value.

## Conclusion

Restate the main findings of the study.