

Review of: "[Review] The antibacterial activity of *Allium sativum*, *Thymus vulgaris*, *Origanum vulgare*, *Curcuma longa*, *Rosmarinus officinalis*, and *Cinnamomum* species against various antibiotic-resistant strains of bacteria: A Literature Review"

Pradeep Naik

Potential competing interests: No potential competing interests to declare.

General Comments:

1. In the narrative review, the antimicrobial activity of six ethnopharmacologically important plants, i.e. *Allium sativum*, *Thymus vulgaris*, *Origanum vulgare*, *Curcuma longa*, *Rosmarinus officinalis*, and *Cinnamomum* sp. against drug resistant pathogens, *Staphylococcus aureus*, *Streptococcus pneumoniae*, *Pseudomonas aeruginosa*, *Escherichia coli*, *Campylobacter jejuni*, and *Salmonella typhimurium*. No doubt, the authors provide a narrative review on the antimicrobial properties of selected plants against MDR bacteria, it would be better to present the literature in the tabular form for better understanding.
2. Besides, the antibiotic resistance mechanism by the selected MDR bacteria discussed in the review, should also be presented in a figure format for better understanding of the concept of drug resistance for the general public.
3. Why the authors only focus on the antibacterial potential of plant extracts and the plant-derived essential oil in this study. The authors could have also incorporate the plant-derived bioactive phytochemicals from these selected plants as antibacterial agents and that would definitely provide a new dimension to the drug discovery process.
4. In general, several typographical and grammatical errors are present and needs to be rewritten for quality improvement.
5. In section 1.1, the reference Ventole, 2015 was cited and this citation was used across the literature. Any specific reason for using the same reference again and again. The authors could have also used other potential references for the same.
6. The section 9 should be placed earlier, as this section will provide the use of Botanicals as alternatives to antibiotics against bacterial infections.
7. The section 10 could be rewritten as future perspectives of the present study.
8. Overall the review of literature definitely will provide a new dimension to the development of antimicrobial agents if, and only when presented to the scientific community in a better way with Table for different plants with antimicrobial properties, more focus on plant-derived bioactive phytochemicals as antibacterial agents, and the mechanism of drug resistance, and mechanism of antibacterial actions could be presented in the form of Images.
9. Therefore, after careful and systematic review of the narrative review, I strongly suggest for a major revision of the

submitted article for improvement in the quality of the paper as well as for better understanding of the concept.