

# Review of: "In-Vitro Antibacterial Activity of some Ganoderma Species: A Review"

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**Potential competing interests:** No potential competing interests to declare.

Dear Gabri,

I have reviewed the manuscript entitled "In-Vitro Antibacterial Activity of Some Ganoderma Species: A Review" written by Asha Arora.

The author explores the antibacterial activity of different species of Ganoderma with the aim of identifying the most effective species for treating skin infections, particularly diabetic foot infections. The studies presented in this manuscript could be valuable in providing a comprehensive overview for this purpose. However, there are several significant issues that detract from the manuscript's quality and make it unsuitable for publication without substantial revisions. The article is replete with errors and lacks appropriate references, with some citations being unrelated to the text. This accumulation of ethical concerns within one manuscript is astonishing.

My major comments are as follows:

- The first topic discussed in the article is diabetic foot ulcers (DFUs), and an entire page is dedicated to it. If it is important enough to warrant such an extensive explanation, why has it not been included in the title? Please clarify whether the focus is on DFUs or bacterial infections, specifically those targeted by Ganoderma. Considering the title, the extensive discussion of DFUs seems unrelated unless it is mentioned in the title.
- There are several sections in the article that either lack citations or include irrelevant citations. This is an unethical and unacceptable practice.
- The citations numbered 12-14, 19-20, 25, 30, 33-39, 41-42, 44-45, 46, 48, etc., are not related to the text in the manuscript. Check the references precisely and make the correct citations.
- Given that the title focuses solely on the antibacterial activity of Ganoderma, the inclusion of a subsection entitled "Antimicrobial Activity" is irrelevant.
- The article primarily focuses on antibacterial activity, so the addition of two paragraphs discussing hypoglycemic activity and its usefulness in diabetes is inappropriate, particularly without any citations.
- The article primarily focuses on antibacterial activity, so including a complete paragraph on antifungal activity makes the article overly long and confuses readers. Furthermore, the lack of citations is a significant issue.
- The issues discussed in the manuscript are disorganized and lack proper structure. The article requires revision and reorganization.

- On page 5, after the third paragraph, please add a subsection titled "Using Nanoparticles with Ganoderma."
- Please check the spacing between words.
- Whenever possible, please use abbreviations for repeated words and phrases. For example, *Staphylococcus aureus* (*S. aureus*), *Escherichia coli* (*E. coli*), and *Pseudomonas aeruginosa* (*P. aeruginosa*).
- Throughout the entire article, all scientific names should be written in italics.
- The references in the table do not correspond to the text. They are from different articles unrelated to the manuscript. How did this significant error occur?
- The table is poorly organized and lacks structure. It is difficult to comprehend.
- The reference section should contain articles cited in the manuscript, not unrelated articles. How did this occur?
- The manuscript has different sets of findings briefly described with minimal links, discussion, and interpretation. I suggest the author read this article before revising the current manuscript.

Dhillon, Paraminder. "How to Write a Good Scientific Review Article." *The FEBS Journal* 289.13 (2022): 3592-3602.

- The conclusion is not related to the title, and among all the species you have studied, which one was more effective as an antibacterial agent, and which one do you suggest should be studied more and in what respect?

Best regards,

Reviewer