

# 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.

**The manuscript entitled as “*In-Vitro Antibacterial Activity of some Ganoderma Species: A Review*” has some shortcomings that need to be addressed.**

The manuscript is well documented but I suggest that the authors require extensive revisions before its final publication.

1. Authors must highlight the specific phytochemicals found in *Ganoderma* species that

contribute to their antibacterial properties in the abstract.

2. In the manuscript the authors have not mentioned any potential side effects or adverse reactions associated with the use of *Ganoderma* species for medicinal purposes.

3. Authors should kindly segregate the complete manuscript in a systematic way for better understanding and easy access of data for the readers.

4. Authors should rectify all the typographical and grammatical errors in the manuscript

(e.g., it's not *Klebsilla* but *Klebsiella*).

5. P-1, “***Diabetic foot ulcers (DFUs) are a frequent and possibly dangerous diabetic consequence***,” the authors should rephrase the sentence with recurrent and certainly in place of frequent and possibly respectively.

6. P-1, “***The main causes of DFU include a combination of neuropathy (nerve damage) and poor blood circulation, peripheral neuropathy (nerve damage), poor circulation....***” the authors should try to make the sentences concise and clear without the repetition of the same words.

7. Authors should emphasize on the components or mechanism of the plant's

multidirectional biological activities in the section ‘***Ganoderma and its species***’.

8. Authors should rephrase the sentences properly and make them short and concise to

enhance clarity in the sections ‘***Ganoderma tsugae (Hemlock Reishi)***’ and ‘***Ganoderma resinaceum***’,

9. Some sections appear to lack depth and need additional references to substantiate your statements.

10. In the manuscript Authors must suggest some possible directions for future research which will add on to the existing knowledge and further briefly explain if there have been any clinical trials or studies conducted to evaluate the efficacy and safety of *Ganoderma* species in treating infectious conditions in humans.

11. Data collection methodology is missing. Please include different databases, type of article, duration of the data collection (time).

12. Discussion part should be more strong.

**NOTE:** Overall, I suggest that the authors require extensive revisions before final submission of the manuscript.