

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

arun Karnwal¹

¹ Lovely Professional University

Potential competing interests: No potential competing interests to declare.

Major Modification Reviewer Comments:

Overall:

- The introduction is well-written and effectively sets the stage for the review.
- The focus on the antibacterial and antifungal properties of Ganoderma in the context of preclinical and clinical research is appropriate.
- However, the review could be strengthened by addressing the following points:

1. Scope and structure:

- **Consider narrowing the scope:** The current scope seems quite broad, covering both in vitro and in vivo research, as well as different Ganoderma species. Focusing on a specific aspect or species could provide a more focused and in-depth analysis.
- **Improve the structure:** The flow of information could be enhanced by organizing the review into clear sections, such as introduction, background on Ganoderma, different types of antibacterial and antifungal properties, preclinical evidence, clinical evidence, challenges and limitations, and future directions.

2. Evidence and detail:

- **Strengthen the evidence base:** While the review mentions "preliminary" in vitro and in vivo research, it could benefit from providing more specific details about the types of studies conducted, the methodologies used, and the quality of the evidence.
- **Differentiate in vitro and in vivo findings:** Clearly distinguish between the findings of in vitro (lab) studies and in vivo (animal or human) studies. Discuss the limitations of in vitro testing and emphasize the need for further clinical research.

3. Language and clarity:

- **Avoid jargon:** Ensure that the language used is clear and understandable even for a non-expert audience. Explain technical terms where necessary.

- **Improve sentence structure:** Some sentences could be rephrased for better clarity and conciseness.

4. Additional aspects:

- **Address safety concerns:** Briefly mention any potential safety concerns associated with Ganoderma use, even though the focus is on antibacterial and antifungal properties.
- **Compare with other natural products:** Briefly discuss how the antibacterial and antifungal properties of Ganoderma compare to other natural products.

By addressing these points, you can strengthen your review and make it a valuable resource for researchers and healthcare professionals interested in the potential of Ganoderma for managing infectious diseases.

I hope these comments are helpful!