

# 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 titled "In-Vitro Antibacterial Activity of some Ganoderma Species: A Review" discusses the various bioactive compounds and properties of Ganoderma species, including their antimicrobial, antioxidant, and anti-inflammatory activities. However, I have the following comments that need to be addressed;

**Comment No. 1:** Firstly, the structure of this manuscript needs to be organized in a more formal way.

**Comment No. 2:** What are the core bioactive substances present in Ganoderma species, and what is the underlying molecular mechanism that contributes to their antibacterial properties?

**Comment No. 3:** How do Ganoderma species play a role in the green synthesis of nanoparticles, and what are the potential applications of these nanoparticles? It would be best to include the answer to this query in the description section of the antimicrobial activity (Pages 4 and 5).

**Comment No. 4:** Detailed information regarding the particular techniques for the manufacture of metal nanoparticles from Ganoderma species is required. Moreover, the cytotoxicity or other adverse effects of the nanoparticles on various cell types are not thoroughly explored in the article.

**Comment No. 5:** There is a need to refine the English language itself. Stated differently, there is still opportunity for language and style to be improved. Please focus your efforts in this manner.

**Comment No. 6:** Please check the spelling and correct the Latin scientific names of bacteria and fungi.

**Comment No. 7:** Other References (Page 12)

Why did the author add an extra reference source and term it, "Other References" before the References section?