

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

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Article entitled-'***In-Vitro Antibacterial Activity of Some Ganoderma Species: A Review***' has reviewed the topic in a very insightful way. Details on every species of *Ganoderma* found to be antibacterial, every bacterial genus and species inhibited by *Ganoderma* species, and the stages of relevant studies have been compiled in a very clear and concise manner by using texts and tables. Undoubtedly, it is going to contribute greatly to the field of mushrooms and plants-derived drug discovery. However, the paper could have been far better if some other things were considered. The topic of the article is antibacterial activity. The abstract tells of antiviral activity in one place and antifungal activity in another place, along with antibacterial activity. But the body of the article focuses on antibacterial activity. The title should also reflect the reality that the paper is focused on the activity of *Ganoderma* species against diabetic foot ulcers (DFU). The anti-inflammatory mechanisms of the extract of *Ganoderma* species have been proposed as the potential mode of action against DFU, also listing four stages of recovery of DFU. Some mechanistic details on the extract's immunomodulation could have enhanced the power of the paper. Some typographical errors such as spacing between two words could have been avoided. The paper lists metallic nanoparticles, for e.g., AuNP, AgNP, ZnNP, CuNP, created/synthesized biologically by *Ganoderma* species. But the term 'metallic nanoparticle bioconjugated with the extract of *Ganoderma* species' could have been better. Different topics could have been given for the activity of nanoparticles conjugated with the extract against bacteria. Lastly, my curiosity: was it possible to infer a few species with better antibacterial activity that can proceed with clinical trials?

Overall, the article is very informative and exhaustive.