

Review of: "Evaluation of Antioxidant Activity and α -Amylase Inhibitory Potential of *Melilotus indicus* Ethanolic Extract: An In Vitro and In Silico Study"

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Potential competing interests: No potential competing interests to declare.

I am privileged to review the manuscript.

Overall Assessment: This manuscript presents a valuable contribution to the field of medicinal plant research, providing insights into the therapeutic potential of *Melilotus indicus*. The authors have effectively utilized computational methods to investigate the interaction between this plant's compounds and human salivary alpha-amylase.

Specific Comments and Suggestions:

- **Conclusion:** While the conclusion provides a good overview of the study's findings, I would recommend expanding on the implications of the docking results. A more detailed discussion on the potential therapeutic applications of the identified compounds could enhance the paper's impact.
- **Experimental Methodology:** The authors could consider providing additional details about the experimental procedures.
- **Future Directions:** The authors can outline the scope for future research, and it would be beneficial to discuss specific experimental approaches that could be pursued to further elucidate the mechanisms of action of the compounds identified in this study.

Overall, I believe this manuscript is suitable for publication with the incorporation of these minor revisions. The authors' work has provided valuable insights into the potential therapeutic applications of *Melilotus indicus* and has contributed to our understanding of its interactions with human salivary alpha-amylase.