

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.

Dear Authors,

I hope this message finds you well. I wanted to take a moment to express my sincere appreciation for the opportunity to review your research paper, "Evaluation of Antioxidant Activity and α -Amylase Inhibitory Potential of *Melilotus indicus* Ethanolic Extract: An In Vitro and In Silico Study." It was truly a valuable and insightful read.

Your in-depth analysis was particularly enlightening, and I found the methodology well-executed.

Once again, thank you for sharing your work with me. I look forward to following your future contributions to the academic community.

Following are a few suggestions that need correction.

Title:

1. Italicize the plant name.

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

Material and Method:

1. In section 2.1, there is a typographical mistake, which should be corrected.

"Figure 2 shows the distribution of *Melilotus indicus* in Iraq."

1. In section 2.1, rephrase the sentence: "The aerial parts of the plant were dried in the shade until completely dry."
2. Rephrase the sentence in section 2.2: "An appropriate amount of 80% ethanol solution was added to completely submerge the material, totaling 250 mL."
3. In section 2.4.1. **Radical (DPPH) scavenging capacity**, write the full form for DPPH.
4. In section 2.5.2, rephrase the sentence: "To identify the most suitable region of the receptor for ligand interactions, an active site prediction and isolation protocol was employed (1st)."

5. In section 2.5.2, rephrase the sentence: “Table 2 presents the chemical structures of the selected compounds and the acarbose drug.”
6. In section 2.5.3, the botanical name should be italicized: **Melilotus indicus**.
7. In section 3.3, the botanical name should be italicized: **Melilotus indicus**.