

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.

The manuscript entitled " **Evaluation of Antioxidant Activity and α -Amylase Inhibitory Potential of Melilotus indicus Ethanolic Extract: An In Vitro and In Silico Study** " was reviewed, and appropriate comments were reported. Here are some suggestions/revisions:

Overall, the typographic errors and scientific names should be checked for consistency in formatting. The syntax and grammar were advised to be thoroughly improved for better understanding.

Abstract

"The extract exhibited a flavonoid content of 0.49 mg/g $\pm$ 3.818" please revise the value of the St/Sd [$\pm$ 3.818], and after revision, express it properly in both the abstract and results section.

Introduction

- Should be enriched with a paragraph illustrating the beneficial utilization of in silico study.

Materials and methods

- Why was 80% ethanol used for extraction? And why 70 °C (preferable is 50 °C)?
- "Determination of flavonoids content" Regression and its equation should be included.
- "Determining the IC₅₀ value" Regression and its equation should be included.
- Table 2 is not necessary where the chemical structure of the selected compounds was presented in the results section (Table 5).

Results and discussion

The formula: % Yield = (Weight of Dry Extract / Weight of Dry Plant Material) * 100%

should be transferred to the materials and methods section.