

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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Regarding the subject title of the article, the research article has many shallow corners like:

- The article reports the Total flavonoid content to describe all flavonoids. However, the specific flavonoid used for molecular docking is not justified. Without profiling the flavonoids using experimental techniques such as GC-MS, LC-MS, or NMR, etc., the identification and relevance of the flavonoids involved remain uncertain. Proper characterization is essential for validating the molecular docking results and ensuring the accuracy of the conclusions drawn from them.
- The reliance on in silico studies alone appears insufficient for a comprehensive understanding of the subject. While computational methods provide valuable insights, they are often limited by the models and assumptions used. The article would benefit from additional experimental validation to support the in silico findings and provide a more robust scientific contribution.
- The reported Table 1 in the article appears to be directly copied from an online system rather than being generated specifically for this research. This practice of cut-and-paste undermines the originality and added value of the research. Tables and figures should be original and provide novel insights or data that are not readily available elsewhere.
- The in vitro study described in the article lacks adequate detail. The methodology, experimental conditions, and results are not thoroughly presented or discussed.