

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.

Authors evaluated the antioxidant activity and α -amylase inhibitory potential of *Melilotus indicus* ethanolic extract: An in vitro and silico study gives an idea that this plant has antioxidants and showed the in-silico results for the targeted enzyme. To correlate the two, the authors could evaluate this plant's in-vitro α -amylase inhibitory activity.

- Plant species names should be italicised. Authors should briefly summarise the study in one or two sentences, nothing longer than that.
- Authors should round off the docking scores to at least three significant figures. There is a repetition of the biological effects of this plant, written in different ways.
- Was the plant authenticated and stored at the herbarium?
- Authors should write their methods thoroughly and include all the necessary parameters and suppliers of the consumables and equipment used.
- Were the experiments performed in three biological repeats? Or only three technical replicates
- Why were only specific compounds selected for the in-silico studies?
- How were the compounds identified from this plant? Was it through literature or a chromatographic analysis?
- Authors should substantiate their reasons for choosing certain compounds and enzymes or a particular method/product.