

Peer Review

Review of: "Evaluation of Antidiabetic Potential of Gymnema Sylvestre and Metformin Combination in Streptozotocin-Induced Diabetic Rats"

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The rationale of this experiment was not well highlighted. Metformin's efficacy in the management of type 2 diabetes is well established, and in this experiment, this efficacy was still superior to the plant extract and even the combination of both the drug and plant extract. It would have been interesting to demonstrate some side effects improvement, such as weight gain.

Only 3 measures of fasting blood glucose substantially limit the discussion of the results.

The titles of tables should be above the table, not below. Adding captions for the statistical significance of the differences in figures should be added.

I would suggest describing the results before the tables and figures to ease the understanding of what was obtained.

Please try to be consistent in the titles of your figures (either put the unit or not, but make sure the unit is indicated on the y-axis).

Unfortunately, I could not see any discussion. The discussion section was another/same set of information on diabetes, the experiment, and GS. No attempt to challenge the results with what has already been done or what could be done. Is there in the literature another plant combination that has been investigated? What are the mechanisms of action suggested?

Yes, there are limitations, but still, the results could have been discussed for further experiments.

Overall, the topic is really interesting, and I believe that with major improvements, this work can be of use to the community.

Declarations

Potential competing interests: No potential competing interests to declare.