

Review of: "Hepatoprotective Effect of the Ursolic Acid-Oleanolic Acid Mixture Administered Intragastrically in Mice with Liver Damage Induced by Anti-TB Drugs"

Rema Momin Bidanchi

Potential competing interests: No potential competing interests to declare.

Overall, the work is a very good and interesting context. But certain weaknesses and limitations are to be considered in the manuscript, which are as follows:

1. The work is based on the public health concern, which can be an innovative tuberculosis treatment. Therefore, major considerations for the scientific breakthrough with possible positive results must be considered for further investigations to be considered.
2. Latest reviews between 2020-2023 based on tuberculosis cases and anti-TB drugs must be added.
3. The plant portion used for the experiment is not mentioned in the methodology.
4. The number of animals used for statistical analysis is not mentioned in the methodology.
5. Ethical clearance for the experimental work needs to be uploaded in the supplementary files, which is not available.
6. In the histological analysis for figure 2, indications of histological changes in the tissues should be highlighted with different signs and symbols.
7. "Quantification of parameters of oxidative stress" was mentioned in the methodology, but no results were shown to consider it. The results must be included.
8. In figure 1, Group IV has been mentioned twice, which needs to be checked.
9. The use of acronyms such as IMSS, BWG, and GPC is not defined in the methodology.
10. Table 1 does not include statistical analysis.
11. Throughout the discussion, differences in the liver weight were mentioned, but no statistical proof with significant differences was given in support of the findings.
12. In "conclusion," dias must be corrected as days.
13. The presentation of the results and captions for figures and tables can be improved.