

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

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Potential competing interests: No potential competing interests to declare.

In this study, the author has attempted a new approach for the hepatoprotective (HPP) effect of the ursolic acid and oleanolic acid (UA/OA) mixture administered intragastrically (i.g.) against the damage caused by antituberculosis drugs. The results generated in the study are significant and relevant to the journal. However, the article requires considerable revisions as per the comments provided.

1. Title may be modified as "Hepatoprotective effects of Ursolic acid-Oleanolic acid mixture against liver damage induced by Anti-TB Drugs in Balb/C Mice"

2. Introduction – This section requires the incorporation of significant background of the study with recent and more relevant literature. Justify the use of anti-TB drugs.

3. In Materials and Methods - Provide the apt reference for the obtention of the UA/OA mixture

4. In Results - The authors mentioned "the liver, kidney, and spleen were extracted to record weight and for histological analysis". Please check where the authors mentioned in the oxidative stress measurement also "Levels of oxidized proteins (OxP) and oxidized lipids (LOx) were determined in the homogenate without centrifugation", and please determine which organs were used for the oxidative stress biomarkers' determination. All over the manuscript, it is mentioned only in relation to liver histopathological findings.

Relevant statistical analysis must be included.

5. In Discussion – Explain the mechanism of the effect of the UA/OA mixture on liver protection against anti-TB drugs and its role in reducing steatosis.

6. Reference formatting errors need to be checked carefully.

7. Overall, many older references have been cited; the authors require to replace older with recent and relevant references. Also, some important literature is missing in the introduction and discussion sections. Accordingly, these sections must be rewritten.

8. The conclusion must be clear and more informative.

