

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

Jiunn-Wang Liao¹

¹ National Chung Hsing University, Taichung

Potential competing interests: No potential competing interests to declare.

Comments:

1. Although the levels of ALT, AST were slight elevated in G2, but no significance ($p < 0.005$), and were not increased in G3, 4 and 5 as well when compared to control group.
2. In addition, only slight fatty change in the liver was found that might be related to normal lipid accumulation.
3. The hepatotoxicity of RIF/INH/PZA mixture (10:10:30 mg/kg) in male mice was not severe in this study that might due to low dosage of RIF/INH/PZA mixture treatment in male mice or strain differences in toxicity could be discussed.
4. The creatinine and urea levels were increased in G2 ($p < 0.005$); however, no renal toxicity was evaluated in the kidneys that might be an incidental finding.
5. In Table 3, no hepatic micro abscesses and centrilobular hydropic degeneration were noted in the control and treated groups. It can be deleted.
6. For toxicopathology, the incidence and semi-quantitative score for lesions are needed to be evaluated. The degrees in each item are graded from one to five depending on severity: 1 = minimal ($< 1\%$); 2 = slight (1-25%); 3 = moderate (26-50%); 4 = moderate/severe (51-75%); 5 = severe/high (76-100%) that was recommended by Shackelford et al. (2002).
7. Please add gross and histopathological HP and CKD photos in Figures, and mean of pathological grades for each group in Tables.