

Review of: "Phytochemical Contents, GC-MS Analysis and Hepatoprotective Effect of the Methanol Leaf Extract of *Camelliasinensis* (L.) Kuntze on Paracetamol-Induced Liver Injury in Wistar Rats"

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Potential competing interests: No potential competing interests to declare.

1. In the Background of the Abstract section, correlate the study with ethnomedicinal use as hepatoprotective, not as a cancer.
2. Histopathological figures are blurry, no necrosis, and histological changes are seen in these figures.
3. The Discussion section seems like a repetition of the Introduction section. Results, Discussion, and Conclusion should match one another.
4. The authors did not produce valid proof of ethnomedicinal use of the plant as hepatoprotective; then, this statement in the Conclusion section becomes invalid: "The results obtained in this study provide valid scientific backing validating the ethnomedicinal use of *Camellia sinensis* leaf extract for liver disease."
5. Provide the reference for ethnomedicinal use of the plant as hepatoprotective and add it to the Introduction section.
6. Correct Fig 2 (a): replace 0,9811 with 0.9811
7. Is it an acute liver injury model? Or chronic? Mention in the Methodology section.
8. Have the authors isolated the 18 bioactive compounds?
9. Mention the bioactivity of all 18 compounds in the Discussion section and correlate with your current study.
10. As per your acute toxicity study, 5000mg/kg b.w. is safe; then why did the authors choose the 200 and 400mg/kg dose levels? It should be 250 and 500mg/kg (1/10th and 1/5th of LD50).
11. Introduction section needs reframing with the need and findings of the current research.
12. Correct the abbreviation of degree "room temperature at 25⁰C for" to "room temperature at 25^oC for".
13. Kindly share the histological data of the acute toxicity study.
14. Kindly check the OECD guidelines - it should be OECD423 for acute oral toxicity studies.
15. Authors claim the presence of fatty acids in GC-MS data; then what was the need of TPC and TFC? Clarify this point in the Discussion section.
16. Have the authors identified any new compounds? If yes, give them significance; if no, then what was the use of the GC-MS study.