

Review of: "Unravelling the Phytochemical and Pharmacognosy Contour of Traditional Medicinal Plant: Pterocarpus Marsupium Roxb"

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Potential competing interests: No potential competing interests to declare.

1. The introduction to the review paper can be modified, leading to the objective of writing this review work.
 2. It would be better to include the mechanism of action of all the phytoconstituents mentioned in the paper.
 3. A separate title/table can be given, and the plant's part-specific phytochemical constituents can be described.
 4. Under 5.1. Antidiabetic activity
 1. *"The acute toxicity study results demonstrated that the ethanolic extract of P. marsupium Roxb stem is non-toxic in the dose range of 250-1000 mg/kg". What about toxicity study results of other extracts?*
 2. *"The study results demonstrated that among the different fractions, the butanol fraction showed more what kind of activity than the other fractions?"*
 5. **5.6** *"Chauhan et al. investigated the methanol extract of P. marsupium Roxb for its memory enhancing activity in albino mice at 25 and 50 mg/kg p.o (what is p.o?, please expand) by elevated plus-maze and Morris's water maze test". It is not clear from the statement which part of the tree was used for this. Kindly specify if details are available.*
 6. **5.7** *"The study determined the polyherbal formulation to be a hepatoprotective agent by increasing the SGOT, SGPT, ALP, and serum bilirubin also showed less hepatocyte cell damage [67]."* The citation gives a better conclusion relevant to the sub-heading, i.e., Hepatoprotective activity. Hence, the subheading (under 5.7) may be modified for better understanding.
 7. Try to incorporate original sentences rather than using the exact lines from the reference paper. The review paper needs to be elucidated for a better understanding of the readers.
 8. Grammatical and typographical errors need to be rectified.
- CONCLUSION: Major revision is required before publishing. The review article has marginal novelty or new information, nor does it report anything that has a substantial impact.