

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.

Authors in the present review on *Pterocarpus marsupium* Roxb try to attempt to summarize its phytoconstituents and its pharmacological activities such as antidiabetic, antioxidant, antibacterial, antimicrobial, anticancer, anti-inflammatory, memory-enhancing activity, hepatoprotective, and antihyperlipidaemic activity. Moreover, the authors have also discussed briefly the future perspective on the drug discovery of the *P. marsupium* plant.

The author is not very interested in improving the quality of this review, even not fulfilling some comments. I am leaving the decision on this review to the editor. However, as a reviewer, I still have some comments on this review that are below.

- Phytoconstituent structures are not uniform, and structures vary in size. I think structures were just copied and pasted; please put some effort into improving structures.
- At the end of Table 1, what are the R_4 and R_5 ? What is the meaning of aglycone (be specific with the aglycone name)? It should mention which type of flavonoid aglycone it is.
- In the introduction section, line 2, the author mentioned that **Recently, the World Health Organization highlighted that 80% of worldwide people still depend on herbal medicines for their primary healthcare needs** [2]. The reference is very old (2008), and the author has started a sentence with *Recently*. Please cite a new reference here.
- At the start of the Antidiabetic activity section, the author should introduce what Type 1 and Type 2 diabetes are so that readers can get familiar with diabetes.
- The author has started every section of the bioactivity except **Memory enhancing activity** and **Anthelmintic activity** sections by summarizing the research only. The author should introduce one or two introductory sentences for other sections. For example, the author can write how cancer is produced in one sentence and then a connecting sentence. Same for other sections as well.
- Keywords like Antimicrobial and antibacterial must be used in a consistent format; for example, the author can write like Anti-microbial or Antimicrobial throughout the manuscript.
- The units (mg/per/kg, mg per mL, mg/kg) are not consistent throughout the manuscript. The author can simply write mg/kg or mg/mL throughout the manuscript.