

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.

The paper aims to address the phytochemical and pharmacognosy of the plant, Pterocarpus Marsupium.

It is evident that the authors have done a thorough research on the intended topic, however, the paper cannot be accepted for publication in its current state.

The paper lacks quite a lot of relevant information such as:

1. Most of the abbreviations used were not written out in full at their first mention, which makes it difficult for reviewers to follow.
2. There is a standard procedure and hierarchy to be followed for the taxonomical classification which the authors did not follow.
3. Most importantly, the paper aimed to review the phytochemical constituent of the plant. Regardless of the numerous papers the authors have cited and referenced, it would make more sense if the authors had included the solvents used to extract specific constituents. Phytochemical constituents of a plant vary based on the solvent used to extract it, for instance, water can only extract polar constituents whilst non-polar solvents such as benzene or hexane will only extract the non-polar constituents. It is very critical to mention the solvent each of the cited paper used for extraction. Additionally, since this is a review paper, safety and/or toxicity status of each constituent would add more value to the paper.
4. The pharmacognosy of the plant would be easily understood if the phytochemical constituents of each extracts is known. Instead of saying that the plant possess an anthelmintic activity, the information would help a lot of researchers by narrowing down the activity to five or four known constituents of a single solvent and/or extract.
5. Above all, the paper has addressed the set objectives but some facts have fallen through the cracks due to language. Going through the corrections I have initially made to the paper, it is evident that the paper needs language editing. I therefore, highly suggest that after all the points above have been addressed, the paper should be sent for language edition before it is re-submitted.

I hope you find this in order.

Regards;

