

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

Adwait Deshpande

Potential competing interests: No potential competing interests to declare.

A well written review article carries a huge potential to direct or redirect future research in the subject area. When a review critically comments on latest research and builds up on reviews that are available already, it adds much value.

This article focusses on pharmacological activity of *Pterocarpus marsupium* and authors might have taken a lot of effort in going through the articles and compiling them into one. Following suggestions may be considered before finalizing the manuscript.

The title of the manuscript can be rethought! The article mainly speaks about pharmacological activities presented by mostly unfractionated extracts of plant parts and there's little or no established structure activity relationship throughout the manuscript.

Authors should avoid duplication of well-established information about the plant unless part of it is being challenged and needs critical attention. Also, botanical description and taxonomic classification can be absolutely avoided.

Numerous pharmacological activities have been enlisted, but how many of those have been systematically investigated? Why does one plant sound like a magic remedy for multiple ailments?

Any tall claims about the pharmacological activities should be strictly avoided like, "known for anti-diabetic activity since prehistoric times".

The article becomes monotonous in the pharmacological activity section and readers might not get the takeaway points. The section can be reimagined with tabular form and telegraphic language.

The article mentions research on pharmacological activity but fails to critically review the outcomes, contradictions or even the collective significance. It is strongly recommended that authors should discuss these points and add value to available literature.

The manuscript has a lot of potential to attract readers and researchers to further investigate *P. marsupium*. Best wishes!