

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

Kamran Hosseini¹

¹ Shiraz University of Medical Sciences

Potential competing interests: No potential competing interests to declare.

Considering that the content of this review has been collected and written very well, it should be noted that the following comments will help to improve the article.

1- In the last paragraph of the introduction section, the pharmacological activities of different parts of the plant are explained. Do the flowers of this plant also have pharmacological properties and its pigments have industrial applications? If so, please explain in detail.

2- As a suggestion, the author can provide explanations about the pharmacological activities of the plant in the form of a table (with full details).

3- In the antidiabetic activity section, the author has mentioned the activity of this plant in rats, dogs, and rabbits, while in this study only its antidiabetic activity on rats has been discussed. Please add studies done on dogs and rabbits.

4- Since the consumption of medicinal plants has few side effects, however, their high consumption may cause some symptoms in patients. In this study, only the therapeutic and pharmacological effects of this plant are discussed, but its side effects are not mentioned. It is preferable to add studies on this topic.

5- In the second paragraph of the antimicrobial activities section, the genus and species of bacteria should be written in italics.

6- In the last paragraph of the anti-cancer activities section, it is better to write the following correct sentence instead of the first line:

"Gosetti et al. Identified volatile, non-volatile fractions, and presence of metals in the aqueous extract of *P. marsupium* heartwood"

7- In reference number 3, the Wikipedia website is cited. Due to the fact that Wikipedia content is constantly being updated, it cannot be cited as a valid reference. Therefore, it is better to use scientific articles instead.