

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

Malgorzata Bukowiecka-Matusiak¹

¹ Medical University of Lodz

Potential competing interests: No potential competing interests to declare.

The review is concise, and the authors should consider examining the following aspects prior to publication:

- In the Introduction: in the part describing the properties of particular parts of the plant, I suggest combining the properties of a given part of the plant with the composition.
- In my opinion, points 2 and 3 are unnecessary. They do not contribute material knowledge in the context of the title of the review.
- Table 1: the sizes of each structure are different; they should be unified.
- In point 5, the GIT abbreviation appears for the first time without any development. It should be explained.
- In point 5.1 (antidiabetic activity), in the first paragraph, the authors wrote that *P. marsupium* Roxb repaired the usual insulin secretion by reversing the impairment to the beta cells by repopulating the islets of Langerhans". In my opinion, this statement should be explained in detail.
- Generally, this point should be orderly; there is a lot of information; however, it is difficult to conclude.
- In point 5.5, in paragraph 4, the authors mentioned numerous inflammatory enzymes. In my opinion, it should be detailed which enzymes the authors have in mind.
- Each of the subsections is formulated in such a way that the authors describe several studies but give dry facts; they do not attempt to explain the presentation of works and studies showing the mechanisms of action of the described extracts.
- Moreover, the presented studies are usually from before 2020, which seems to be quite old.

To conclude, this review needs major corrections to increase the quality of the paper.