

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.

Comments for the author:

I reviewed your article "Unravelling the Phytochemical and Pharmacognosy Contour of Traditional Medicinal Plant: *Pterocarpus Marsupium* Roxb" Revise the manuscript according to the given comments.

1. Introduction part has been written very weak. Please include much information about the therapeutical properties of some traditional medicinal plants as paragraph 3. For this reason, you should explain and refer the following references completely to increase the scientific levels of your paper.

- i. Pathophysiology of STZ-induced pancreatic β cell injury and dysfunction: traditional role of *Boswellia ovalifoliolata* Bal. & Henry on diabetes and dyslipidemia. *Comparative Clinical Pathology*. 2020 Mar 17:1-1.
- ii. In vivo antihyperglycemic, antihyperlipidemic, antioxidative stress and antioxidant potential activities of *Syzygium paniculatum* Gaertn. in Streptozotocin-induced diabetic rats. *Heliyon*. 2019 Mar 1;5(3):e01373.
- iii. Diabetes affects hepatic and renal glycoproteins: effect of *Boswellia ovalifoliolata* on glycoproteins proportions in diabetes induced hepatic and renal injury. *Journal of Diabetes & Metabolic Disorders*. 2020 Feb 25:1-0.
- iv. Ameliorative effects of *Mentha aquatica* on diabetic and nephroprotective potential activities in STZ-induced renal injury. *Comparative Clinical Pathology*. 2020 Feb 1;29(1):189-99.
- v. Evaluation of antioxidant activities of aqueous extract of stem bark of *Boswellia ovalifoliolata* in streptozotocin induced diabetic rats. *Journal of Pharmacy and Chemistry*. 2013;7:19-24.

2. Discuss regarding the beneficial effects of different plant extracts in different biochemical parameters and include as 4th paragraph, in this regard you should refer the following references.

- i. Antihyperlipidemic activity of the stem bark of *Boswellia ovalifoliolata* in high fat diet fed rats. *International Journal of Medical Plants, Photon*. 2014;107:572-6.
- ii. In -vitro and In-vivo Studies on the Antidiabetic Activity of Stem Bark of *Homalium zeylanicum* in STZ Induced Diabetic Rats. *Asian Journal of Biochemical and Pharmaceutical Research*. 2014, Vol. 4, Issue 3, p 76-90.

- iii. . Evaluation of anti-hyperglycemic activity of *Narengi crenulata* leaf in STZ induced diabetic rats. *Asian J Biomed Pharm.* 2014;4(39):35-9.
- iv. Effect of flavonoid rich fraction of *Andrographis echinoides* in streptozotocin-induced diabetic rats. *Journal of Pharmacy and Chemistry.* 2016;1(10):16-20.
- v. Evaluation of pharmacological activities of *Diplocyclos Palmatus*-A Novel approach. *The International journal of analytical and experimental modal analysis.* 2019, XI (XI): 80-108.
- vi. Ethno-pharmacological insulin signaling induction of aqueous extract of *Syzygium paniculatum* fruits in a high-fat diet induced hepatic insulin resistance. *Journal of Ethnopharmacology.* 2020 Nov 7:113576.

3. Include whole plant image of *Pterocarpus Marsupium* Roxb after botanical description of the plant.

4. Conclusion was not clear. Please include the reported bioactive principles of *Pterocarpus Marsupium* Roxb for its significant activity in the treatment of different ailments.

Certainly, the main problem of your paper was the lack of important contents in Introduction as well as in conclusion. So, you should try to use the above references completely to increasing the scientific levels of it. At the end, please check again the all parts of manuscript grammatically.

Study and smile