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PEER-REVIEW REPORT

Name of journal: World Journal of Meta-Analysis

Manuscript NO: 50600

Title: MECHANISM OF ACTION OF AQUEOUS EXTRACT OF HUNTERIA
UMBELLATE SEED AND METFORMIN IN DIABETES

Reviewer's code: 02929620

SPECIFIC COMMENTS TO AUTHORS

This is a well written manuscript that will contribute to the literature.

Answer

Thanks.



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Reviewer's code: 00503405

Reviewer's country: Hungary

SPECIFIC COMMENTS TO AUTHORS

Though this minireview promised a brief insight into the mode of actions the aqueous extract of *Hunteria umbellata* seeds in T2 diabetes, only the known mechanism of metformin is presented in details, but almost nothing new and clinically important information has been written from the plant itself.

This manuscript is not acceptable for publication in its current form.

Answer

Mechanism of action of *Hunteria umbrellata* in diabetes is not known yet traditional medicine are using it in place of metformin, since mechanism of action of metformin is well documented, therefore this mini review is opening the eyes of researchers to probe *Hunteria umbrellata* seed action via metformin mechanism of action to understand if its action is through same pathways as metformin

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Reviewer's code: 03465463

Reviewer's country: Taiwan

SPECIFIC COMMENTS TO AUTHORS

This submission discussed a combination of herbal extract with metformin for diabetes. It seems interesting and the below concerns shall be conducted.

1. It mentioned the fructose-induced model in main. What is the role of another model? Metabolic syndrome is the early stage of diabetes. Is it also effective on critical stage of diabetes?
2. Figure 2 must re-prepare by author. It is not suitable to cite the full picture.
3. Merits of combination must show in clear. Variations with herb or metformin only were unknown.
4. Why focused on Hunteria umbellate but not another plant? Please explain it in detail.
5. Conclusion is too simple. It needs to show the novelty of this report.
6. More references are required.

Answer

This write-up is a minireview its focus is not to write extensively on the topic but to give a leading to the researchers who might be interested in this research. Hunteria umbrellata is the interest of this work because of its use in local management of diabetes in Nigeria.