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| Journal Name: | [**Journal of Complementary and Alternative Medical Research**](https://journaljocamr.com/index.php/JOCAMR) |
| Manuscript Number: | **Ms\_JOCAMR\_134427** |
| Title of the Manuscript: | **Effect of Justicia Insularis Leaf Extract on Alpha Glucosidase and Alpha-Amylase Activities in Rats** |
| Type of the Article | **Research article** |

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| PART 1: Comments | | | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | | | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | The leaf ethanolic extract of *Justicia insularis* has reduced glucose level as per the results.  But does the author had conducted this study prior using in-vitro assay. | | | In vitro study has been proposed which will involve pure compounds from the leaf extract |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, but author have not gave any histological data. Before choosing in-vivo study you might have done in-vitro assessment. | | | The work did not involve any organ and so, there was no need for histology. Besides, in vitro work in this respect has been proposed as well as studies on diabetic animals |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | Author should re-write or re-frame the abstract | | | The abstract has been reframed |
| Is the manuscript scientifically, correct? Please write here. | Yes, but lacking in justification | | | The work was carried out to investigate the inhibitory potential of leaf extract of Justicia insularis considering its ethnomedical use in the management of diabetes locally as a means to validate its usage |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes | | |  |
| Is the language/English quality of the article suitable for scholarly communications? | It should be improved | | | It has been improved |
| Optional/General comments | **Why you choose to perform this simple study directly on animals. Instead you might have go for in-vitro assays at first and then in-vivo.** | | |  |
| **PART 2:** | | | | |
|  | | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* | |
| **Are there ethical issues in this manuscript?** | | *(If yes, Kindly please write down the ethical issues here in details)* |  | |