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| Journal Name: | [**Journal of Complementary and Alternative Medical Research**](https://journaljocamr.com/index.php/JOCAMR) |
| Manuscript Number: | **Ms\_JOCAMR\_137827** |
| Title of the Manuscript: | **Analysis of the Phytochemical Composition and Antidiabetic potential of Anthocleista grandiflora Ethanol Wood Bark extract in rats** |
| Type of the 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** (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 research area is good but the approach and extended research work is warranted. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Good |  |
| 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. | The abstract is well written comprising of background, method, result and conclusion. |  |
| Is the manuscript scientifically, correct? Please write here. | The sample number is not sufficient to prove the concept scientifically. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The used references are older. It is suggested to use recent articles as reference. |  |
| Is the language/English quality of the article suitable for scholarly communications? | English and grammar used inthe article is not satisfactory. It needs a thorough revision and correction. |  |
| Optional/General comments | 1. Introduction section needs revision on the epidemiology section with updated reference. 2. Need to include the information regarding animal ethical meeting and approval number in the methodology section. 3. Lack of relevant references in the methodology section. Please include suitable references. 4. Correct the numbering of section and subsection in the manuscript. Eg. 3.2.1 **Processing of plant** material. 5. Table 2 indicates significant values with different letters mentioned ‘a,b…’ 6. Please explain the significance was measured in comparison with what parameters? Also provide the definition for all the letters (a,b…) used in the table. 7. Use the name of plant uniformly throughout manuscript. Eg. *Anthocleistagrandiflora* mentioned in result section. 8. The comparison of significance is to be done with respect to either disease group or normal control groups. Please correct. 9. Article mentioned improvement in the insulin sensitivity however it lacks any of the method for measurement of insulin sensitivity. |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | **Author’s Feedback** (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 detail)* |  |

**Reviewer details:**

**Suman Manandhar, College of Pharmaceutical Sciences, Nepal**