

Review Form 3

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|--------------------------|---|
| Journal Name:            | Asian Journal of Advanced Research and Reports  |
| Manuscript Number:       | Ms_AJARR_130852   |
| Title of the Manuscript: | Comprehensive Evaluation of the Anti-hyperglycemic Efficacy of Tinospora cordifolia in Rodent Models Coupled with a Detailed Assessment of Its Adverse Effect Profile |
| Type of the Article      | Original Research Article   |

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

|  | Reviewer's comment   | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|--|---|
| 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 study on <b>Tinospora cordifolia</b> presents valuable insights into its anti-hyperglycemic effects, demonstrating its therapeutic potential in diabetic rodent models. Given the increasing prevalence of diabetes and the limitations of existing medications due to side effects, exploring plant-based alternatives is of immense scientific significance. The manuscript provides substantial experimental data supporting the potential of <b>T. cordifolia</b> as an antidiabetic agent.  |   |
| Is the title of the article suitable? (If not please suggest an alternative title)   | The title is <b>appropriate</b> and aligns with the study's focus.   |   |
| 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 effectively summarizes the research   |   |
| Is the manuscript scientifically, correct? Please write here.  | The manuscript is <b>scientifically sound</b>  |   |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.                              | The references are <b>adequate and relevant</b>  |   |
| Is the language/English quality of the article suitable for scholarly communications?  | The manuscript is <b>well-written</b>  |   |
| <u>Optional/General</u> comments   | <div><input type="checkbox"/> <b>Adverse Effects Not Reported:</b> The manuscript does not explicitly mention if <b>any toxicity or adverse effects</b> were observed in the animals. Ethical guidelines require reporting any <b>discomfort, toxicity symptoms, or side effects</b> experienced by the experimental subjects.</div> <div><input type="checkbox"/> <b>Humane Endpoints Not Clearly Defined:</b> The manuscript does not clarify <b>how pain mitigation was ensured</b> in animals subjected to diabetes induction via alloxan. Mentioning <b>analgesic use, humane endpoints, or monitoring protocols</b> would strengthen ethical transparency.</div> |   |

PART 2:

|  | Reviewer's comment   | Author's comment <i>(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)</i> |
|--|--|--|
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |  |

Reviewer Details:

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|----------------------------------|--|
| Name:                            | V Ramakrishnan   |
| Department, University & Country | Tamilnadu Veterinary and Animal Sciences University, India |