|  |  |
| --- | --- |
| Name: | **UTTAR PRADESH JOURNAL OF ZOOLOGY** |
| Manuscript Number: | **Ms\_UPJOZ\_4992** |
| Title of the Manuscript: | **Evaluation of Hepatoprotective activity of Ethanolic extract of Hopea erosa leaves against Paracetamol induced Hepatotoxicity in Rats** |
| Type of the Article |  |

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.** | This article investigates the hepatoprotective effects of the ethanolic extract of Hopea erosa leaves against paracetamol-induced liver toxicity in Wistar albino rats. Liver damage was induced using a high dose of paracetamol (1000 mg/kg), and the therapeutic effects of Hopea erosa at two different doses (200 mg/kg and 400 mg/kg) were compared with a standard hepatoprotective drug, silymarin (100 mg/kg). Preliminary phytochemical analysis confirmed the presence of active compounds such as flavonoids, tannins, alkaloids, and steroids in the extract. Acute toxicity studies indicated the safety  of the extract up to 2000 mg/kg. | Thanks for your time and consideration |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **yes** |  |
| **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.** | **yes** |  |
| **Is the manuscript scientifically, correct? Please write here.** | yes |  |
| **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?** | yes |  |
| **Optional/General** comments |  |  |

|  |  |  |
| --- | --- | --- |
| **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)* |  |