

Review Form 1.7

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_111310
Title of the Manuscript:	PSYCHONEUROPHARMACOLOGICAL PROPERTIES OF ECLIPTA ALBA (LINN) IN MICE
Type of the Article	Original Research Article

PART 1: Review Comments

	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)
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<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Pt. 1. In summary, the study contributes valuable information about the safety, behavioral effects, antipsychotic properties, and mechanism of action of AEA. This knowledge is not only important for advancing our understanding of the pharmacological properties of Eclipta alba but also has potential implications for the development of new therapeutic agents for mental health disorders.</p> <p>Pt. 2. Yes, the title explains the study and results. But can be made more interpretable like Exploring the Psychoneuropharmacological Attributes of Eclipta alba (Linn) in Mice.</p> <p>Pt. 3. Some points can be added to the Abstract to make it more comprehensive. Organize the information in a logical sequence to enhance the flow of the abstract. Provide a brief interpretation or context for the obtained LD50 values. Include statistical values (e.g., mean, standard deviation) for relevant measurements.</p> <p>Pt. 4. Yes the subsection and structure looks appropriate</p> <p>Pt. 5. Potential improvements In Introduction; Authors need to rewrite/expand Introduction part. Authors references several scientific terms from different literature but failed to explain and create a link in the context of their research. For eg. 1. Highlight the encouragement by the WHO for the use of scientifically proven herbal remedies. Provide some quantitative points about remedies approved by WHO. 2. Author needs to provide more details and explanations about Asteraceae family 3. What are the scientific or medicinal links for coumestans, alkaloids, flavonoids, glycosides, polyacetylenes and triterpenoids</p> <p>In Methods: 1. Why the specific season and month were chosen to extract leaves plants from Nigeria? Please explain. 2. Authors need to research and identify if the same method has been employed in the past and reference the right articles. 3. Adding a section of relevant previous studies on EA is also very useful.</p> <p>In Discussion: 1. Authors results shows moderate therapeutic index; need to add a future work section where they can provide details about how the results can be strengthened. 2. Sole Reliance on LD50: The use of median acute toxicity (LD50) as a measure of toxicity might oversimplify the complex nature of toxicity. Different toxicity endpoints and long-term effects were not considered, providing an incomplete picture of the compound's safety profile. Can see other literature reports or extend other experiments. 3. The study focuses on acute toxicity and short-term effects but does not explore potential long-term consequences or chronic toxicity, which is essential for understanding the safety and sustainability of AEA use. 4. The study implies that the observed effects support the traditional use of the plant in</p>	<p>Thank you. The comment well noted.</p> <p>Thank you. The comment well noted</p> <p>Thank you for pointing this out this. The points well noted. Abstract has been reviewed. We agree with this and have incorporated your suggestion in the manuscript.</p> <p>The comments noted</p> <p>WHO remark had greatly enhanced the contributions of both conventional and traditional medicine practices.</p> <p>Done.</p> <p>Thank you for the observation. They refers to the active phytochemical constituents that possibly contributes to the ethno medical actions in the body</p> <p>Mostly the plants are surplus to harvest during winter period in the tropics (especially Nigeria)</p> <p>The methods in this study are standardized for evaluation of psychoneuropharmacological properties of plants.</p> <p>Noted and done</p> <p>Thank you. The comments are noted. We agree and have incorporated your suggestion throughout the manuscript. Further works were being pursued on the plant.</p>
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	<p>treating mental illness. However, it does not provide direct evidence linking the plant's traditional use to the observed pharmacological effects.</p> <p>Pt. 6. See Pt. #5 to add relevant references.</p>	<p>Thank you. We have incorporated your suggestion in the manuscript.</p>
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes the quality of English qualifies for scholarly communications</p>	<p>Thank you. Comment is well taken</p>
<p>Optional/General comments</p>	<p>NA</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>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></p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	<p>Ethical consideration well taken note. The study makes use of standard protocols</p>