

Review Form 1.7

Journal Name:	Journal of Complementary and Alternative Medical Research
Manuscript Number:	Ms_JOCAMR_100233
Title of the Manuscript:	EFFECTS OF 5-7, DIHYDROXY FLAVONE ON HIPPOCAMPUS OF WISTAR RATS WITH DOXORUBICIN INDUCED COGNITIVE IMPAIRMENT.
Type of the Article	Original Research Article

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljocamr.com/index.php/JOCAMR/editorial-policy>)

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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)
<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>	<ol style="list-style-type: none"> This manuscript is important for the scientific community as it highlights the potential of 5-7, dihydroxy flavone (Chrysin extract) in alleviating cognitive impairment in the hippocampus caused by Doxorubicin, offering valuable insights for further research and potential therapeutic strategies. The title of the article could be improved to provide more clarity and conciseness. A revised title could be "Ameliorative Effects of Chrysin Extract on Doxorubicin-Induced Cognitive Impairment in the Hippocampus of Wistar Rats." The abstract provides a general overview of the study but lacks some important details. It mentions the experimental design, treatment groups, and outcomes measured. However, it could be improved by including specific information such as the duration of treatment, the methods used for oxidative stress and inflammatory cytokine analysis, and a more detailed description of the neurobehavioral test results. Additionally, it would be helpful to provide specific quantitative data or statistical analysis results to support the conclusions. Yes. it's appropriate. The experiment aimed to investigate the potential protective effects of chrysin against doxorubicin-induced cognitive impairment by evaluating oxidative stress markers, inflammatory cytokines, and cognitive performance in rats. To enhance the relevance and validity of the manuscript, it would be beneficial to include more recent references. This would demonstrate that the research is up-to-date and aligned with the current state of knowledge in the field. Additionally, it is crucial to adhere to standard citation formats to provide proper credit and acknowledgement to the original sources. Furthermore, it is important to ensure that all references include complete and accurate information. Pay attention to missing author names and incomplete titles, as these omissions can undermine the credibility of the manuscript. Make sure to include all necessary details, such as authors' names, publication dates, article titles, journal or book titles, and page numbers, as applicable. It is important to ensure consistency between the information presented in the abstract (Group 3 received 50mg/kg of Chrysin) and the experimental design (Chrysin (150mg/kg)). In this case, there appears to be a discrepancy between the dosage of Chrysin mentioned in the abstract and the dosage reported in Table 1 of the experimental design. In the experimental design specifies the use of six groups of five rats, but in Table 2, 3, and 4 there is an additional group labeled as "Group 7," it indicates a discrepancy or error in the reporting of the groups. The presence of "Group 7" suggests that there might have been an oversight or mistake in the table. To address this issue, you should review and revise the table to accurately represent the six groups as specified in the experimental design. Remove the reference to "Group 7" and ensure that the table reflects the correct group numbering and corresponding data for the six groups of five rats. This will help maintain the clarity and consistency of your experimental results. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>While the content and information are generally understandable, there are several areas where the language could be refined for clarity and precision. Some sentences are structurally convoluted, making the meaning difficult to grasp. Additionally, there are instances of grammatical errors, such as missing articles or incorrect verb tenses.</p>	
<p>Optional/General comments</p>	<p>Graph 1 : Bar graph showing body weight measurements:</p> <ol style="list-style-type: none"> Verify data accuracy: Double-check the values used to create the bar graph and ensure they are accurate. Make sure you have used the correct measurements and corresponding values. Review graph description: Examine the description or caption provided with the graph. Ensure that it accurately reflects the data presented in the graph, including the variables, units of measurement, and any specific details mentioned. 	

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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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