

Review Form 3

Journal Name:	Journal of Complementary and Alternative Medical Research
Manuscript Number:	Ms_JOCAMR_123279
Title of the Manuscript:	An Assessment of Hepatoprotective Activity of Glycyrrhiza glabra Root Extract against Hepatic Injured Rodent Model
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: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript titled "An Assessment of Hepatoprotective Activity of Glycyrrhiza glabra Root Extract against Hepatic Injured Rodent Model" is of significant importance to the scientific community. It explores the potential hepatoprotective effects of <i>Glycyrrhiza glabra</i> (licorice), a widely used medicinal herb, in combating liver damage. The research offers valuable insights into alternative treatments for hepatic injuries, contributing to the growing field of natural remedies for liver ailments. The findings could pave the way for the development of safer and more effective treatments for hepatotoxicity, which is a pressing concern given the adverse effects associated with synthetic medications.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The current title is suitable as it clearly reflects the focus of the study. However, if you wish to make it more specific, consider revising it to: "Evaluation of Hepatoprotective Effects of Glycyrrhiza glabra Root Extract in a Carbon Tetrachloride-Induced Hepatic Injury Rodent Model."</p>	
<p>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.</p>	<p>The abstract is generally comprehensive, but it could benefit from a more concise summary of the key findings. For instance, the abstract mentions that "more research is required," but it would be helpful to briefly explain the specific areas that need further investigation. Additionally, a clearer distinction between the effects of low, medium, and high doses in the results section of the abstract would enhance its clarity.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The manuscript's structure is appropriate, with clear subsections that follow a logical flow from introduction to conclusion. However, the results and discussion sections could be more clearly separated to avoid confusion between the presentation of data and its interpretation. This would enhance readability and ensure that the scientific message is conveyed more effectively.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript appears to be scientifically robust and technically sound. The experimental design, particularly the use of a rodent model to evaluate hepatoprotective activity, is appropriate. The statistical analysis is well executed, with significance levels clearly reported. However, while the results are promising, the manuscript would benefit from a deeper discussion of the mechanisms by which <i>Glycyrrhiza glabra</i> exerts its protective effects on the liver. Including more details on the active compounds and their known biological activities would strengthen the manuscript's scientific rigor.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references are generally sufficient and include recent studies relevant to the topic. However, you may consider including additional references that discuss the hepatoprotective mechanisms of <i>Glycyrrhiza glabra</i> and other related medicinal plants in greater detail. This would provide a more comprehensive background and support the study's findings.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>The manuscript on the hepatoprotective activity of <i>Glycyrrhiza glabra</i> (licorice) against carbon tetrachloride (CCl₄)-induced liver damage aligns with existing studies that have explored similar effects. Research has shown that <i>Glycyrrhiza glabra</i> possesses hepatoprotective properties, primarily attributed to its active components such as glycyrrhizic acid and flavonoids, which have antioxidant and anti-inflammatory effects.</p> <p>It would be advisable for the authors to clearly differentiate their findings from prior research by emphasizing novel aspects, such as unique dosage assessments or new insights into the mechanisms of action. This will ensure that the contribution stands out within the context of the existing literature.</p>	

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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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