

Review Form 3

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_125353
Title of the Manuscript:	Impact of Diphenyl Diselenide on Acute Ethanol-Induced Disruption of Antioxidant Defense and Inflammatory Gene Expression in Rats
Type of the Article	

PART 1: Review Comments

Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Alcohol is the leading cause of liver disease worldwide, with a higher prevalence in developed countries, and may be a cause or contributing factor in up to 80% of liver disease-related deaths. Oxidative stress that develops during the toxic effect of ethanol is the cause of acute alcoholic hepatitis and liver fibrosis, therefore substances that prevent its development are potentially possible therapeutic agents. Clarification of the role of redox-sensitive transcription factors Nrf2 and NF-kB under the conditions of alcohol exposure complements well-known data, and the change in their expression under the conditions of correction of ethanol-induced liver damage by Diphenyl Diselenide is a scientific novelty of research.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title reflects the content of the article.	
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 lacks absolute indicators of the research results.	
Are subsections and structure of the manuscript appropriate?	Manuscript is lacking a clearly formulated research goal.	
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.	The results of the study are not sufficiently described. It is necessary to indicate how many times the indicators increased or decreased in relation to the control and other groups. It is not clear why the rats are so small, if they are sexually immature, then this must be reflected in the manuscript, if they are sexually mature, explain why their mass is so small. The statistical processing of the research results is correct. However, 1 sentence in the conclusion is unclear. The manuscript does not discuss the benefits of alcohol. This thesis about the benefits of alcohol should be removed.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Sufficient amount of new fresh literature	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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