



SDI Review Form 1.6

Journal Name:	Annual Research & Review in Biology
Manuscript Number:	Ms_ARRB_48346
Title of the Manuscript:	BIOCHEMICAL AND HISTOLOGICAL INVESTIGATIONS OF ALCOHOL ADMINISTRATION IN WISTAR RATS
Type of the 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	<p>The title of manuscript “BIOCHEMICAL AND HISTOLOGICAL INVESTIGATIONS OF ALCOHOL ADMINISTRATION IN WISTAR RATS” needs to be modified. As it is, it encompasses wider concept than the aim, outcome/result of your work and what you stated as the key words. You may need to restrict the title of your manuscript to the parameters you are interested in.</p> <p>ABSTRACT In line 2, your statement “to develop animal models of alcoholism” is vague. You may need to rephrase/reconstruct your grammar. In lines 2 and 3, you wrote: 20 Male Wistar rats weighing (63.50±3.79g). You may need to unbundle this mean and standard error of mean value of the weight of your rats. At this stage, the real weight of rat is hidden and there is no way one will have an idea about the actual weight of rat used. In lines 4 and 5, you may write “via oral gavage” instead of “via gavage” In line 6, you may need to write only “viscera” instead of “visceral organs” In line 7, you wrote “The result of biochemical study of 40% ethanol “. Are you studying/researching on 40% alcohol? You may need to look at it from this perspective “The result of biochemical study of rats administered 40% ethanol”. In line 9, i think the word intoxicated is not the most appropriate word to be used. You may consider substituting it with another word more relevant.</p> <p>INTRODUCTION In line 4, you may need to change the semi colon “;” to colon “:.” In line 5, “has been nomenclature alcohol in various region of spheres”.You may need to reconstruct the grammar. In line 17, you may need to correct this “that its pass directly”</p> <p>In lines 23 and 24, “The aim of this study was to investigate the biochemical and histological effects of alcohol administration in Wistar rats”. See the suggestion as regards the title of manuscript above.</p> <p>ANIMAL COLLECTION In line 1, “((63.50± 3.79g)” See the suggestion above concerning this.</p> <p>Animal Sacrifice and Sample Collection and Preparation In lines 3,4, and 5, you stated: “The liver, kidney, heart and lungs, were excised and fixed in 10% formal-saline for histopathological interpretations” However in your result and discussion, specifically in the presentation of the micrograph of the histopathology results, you showed only the heart and the liver. Moreover, you neither indicated the magnification used nor presented the photomicrograph of rats representing in each case rats administered 5%, 10%, 15% and 40% alcohol and the control itself, for comparison with control. It has to be presented this way for each of the organs that you had used. Non of the micrograph presented was in X400 magnification, which has the capacity to reveal more than the X100 magnification. The labeling of the few micrograph shown was vague and uninterpretable. You may need to do the needful.</p> <p>Down the line still in the result and discussion, you stated “This study examined the slide of H and E stained tissues of the liver, kidney, heart and lungs of all the study animals</p>	



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	that received (5%, 15%, 40%) ethanol and the control group that received 0.9% normal saline”, however this did not tally with the slides you presented in your work.	
Minor REVISION comments		
Optional/General comments		

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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