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PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology
Manuscript NO: 37264
Title: Morphological and biochemical effects of weekend alcohol consumption.
Reviewer’s code: 00036318
Reviewer’s country: Greece
Science editor: Na Ma
Date sent for review: 2017-11-25
Date reviewed: 2017-12-02
Review time: 6 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input checked="" type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Since this is a preclinical study, please modify the discussion and discuss mostly preclinical studies rather than clinical studies. The introduction should also be shortened.



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology
Manuscript NO: 37264
Title: Morphological and biochemical effects of weekend alcohol consumption.
Reviewer’s code: 03402733
Reviewer’s country: Japan
Science editor: Na Ma
Date sent for review: 2017-11-25
Date reviewed: 2017-12-02
Review time: 7 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Major comments Morales-González JA et al. performed an animal experiments to investigate the risk of weekend alcohol consumption This study encompasses an interesting topic, but some critical problems are involved in this study. The manuscript may need some language editing. Major comments 1. The title looks like a review. Please indicate the result of the study and that this manuscript is an animal experiment in the title 2. The introduction looks like a mini-review. Authors should focus the background and aim in the introduction section. Please summarize the background of the study and rewrite the introduction section. 3. Authors should separate males and females in the control group. I think the body weights were different among males and females in the control group. 4. The concentration of cholesterol and triacylglycerols in the liver should be measured after lipid extraction. FOLCH J, LEES M, SLOANE STANLEY GH. A simple method for the isolation and purification of total lipides from



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animal tissues. J Biol Chem. 1957 May;226(1):497-509. 5. Authors presented the continuous variables as the mean \pm SEM. I think the continuous variables are non-parametric data. If so, Student t test is not suitable for non-parametric data. Please reanalysis non-parametric data using non-parametric analysis, e.g. u test. When authors compare variables among more than 3 groups, authors used ANOVA. Please use non-parametric analysis as a post-hoc analysis, e.g. Steel Dwass test. 6. Authors should separate males and females in the control group. I think the body weights were different among males and females in the control group. 7. The principal finding of the study was that the weekend alcohol consumption at 5% caused the body weight gain. Authors explained that the metabolism of the first pass of ethanol increased the body weight. However, the appetite may be increased by the weekend alcohol consumption at 5%. Did authors measure the daily volume of diet in each group? If so, please indicate it. If not so, please discuss the possible relationship between appetite and weekend alcohol consumption. Minor comments 8. Page 6; "a average alcohol consumption of 4.56 g per day" \rightarrow "an average alcohol consumption of 4.56 g per day" 9. Page 7; "Some reports describe the histologic damage that alcohol causes to the liver[15-17] but, to our knowledge, there are no reports on the histologic changes caused by weekend alcohol consumption to the liver. " \rightarrow "Some reports describe the histologic damage that alcohol causes to the liver[15-17] , but, to our knowledge, there are no reports on the histologic changes caused by weekend alcohol consumption to the liver. " 10. Page 7; "Reagents All other chemical reagents were obtained from Merck (Merck de México, S.A.) and were of the best quality available." What does "all other chemical reagents" mean?