



BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

http://www.wjgnet.com

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 16257

Title: Grape Seed Proanthocyanidin Protects Liver against Ischemia/Reperfusion Injury by Attenuating Endoplasmic Reticulum Stress

Reviewer's code: 02903629

Reviewer's country: China

Science editor: Yuan Qi

Date sent for review: 2015-01-07 16:20

Date reviewed: 2015-01-20 10:53

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed Search:	<input type="checkbox"/> Accept
<input checked="" 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 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 checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input 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

Statistical analysis method 1. There are three groups. I believe all analyses used the ANVOA method. Difference comparing two groups should use SNK or Dunnett... and it is inappropriate that T test were used between two groups. Besides, concrete values of all biochemical markers should be given out. 2. The author mentioned "The rats were randomly divided into three groups". Please describe how the rats were randomly divided. 3. The baseline data before experiments were not shown. 4. There are some grammar and spells errors, such as 'were decreased' 'reperfu



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Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 16257

Title: Grape Seed Proanthocyanidin Protects Liver against Ischemia/Reperfusion Injury by Attenuating Endoplasmic Reticulum Stress

Reviewer's code: 00070481

Reviewer's country: China

Science editor: Yuan Qi

Date sent for review: 2015-01-07 16:20

Date reviewed: 2015-01-23 09:31

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	PubMed Search:	<input checked="" type="checkbox"/> Accept
<input checked="" 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 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 checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input 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

The work is meaningful for the liver protection research. the authors present the Grape Seed Proanthocyanidin as a potent reagent.

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Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 16257

Title: Grape Seed Proanthocyanidin Protects Liver against Ischemia/Reperfusion Injury by Attenuating Endoplasmic Reticulum Stress

Reviewer's code: 02444743

Reviewer's country: China

Science editor: Yuan Qi

Date sent for review: 2015-01-07 16:20

Date reviewed: 2015-01-25 22:47

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed 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"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	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

The authors suggested that GSP can protect rat liver injury of ischemia/reperfusion by anti-inflammatory, anti-oxidate, anti-apoptotic effects and attenuating liver ER stress; this is an interesting study even though the current study can not certify the reduced liver damage by alleviating ER stress. 1. GSP is anti-inflammatory, anti-oxidative and anti-apoptotic, however, there is not enough data to support that these properties of GSP by attenuating liver ER stress in rat liver injury model. Attenuating liver ER stress may be accompanying, not causal. 2. Was the animal experiment approved by IACUC? What is "the institutional and National Research Council's guideline for animal experiments"? 3. What kind of anesthetic used in current study? Was the rat fasting before surgery? 4. Why did not detect the mRNA levels of ER stress related proteins, quantify analysis the results of western blotting, and measure liver and plasma ROS levels? 5. What is the means of "A P" in the "Statistical analysis"? 6. GRP78 may be a negative regulator of the UPR in multiple models (e.g. Cancer Res 2007,67:9809; Cell Death Differ 2008,5:1460), liver-specific Grp78 knockout mice exhibited liver injury (Neoplasia 2014,16:617; Hepatology 2011,54:229). How to



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explain the result of Fig 5A from current study? 7. The language needs extensive improvement. All the abbreviations should be given the full name when first appear in the text, such as, ATF 4, CHOP, IRE1, AST, ALT, IL-6, TNF- α , IL, TNF, TGF, ADL, SOD, MDA. 8. Some number of references in text do not match up the back References. 9. The legends should show that the data are expressed as mean \pm SD, and animal numbers used in each study. 10. There are many errors in References, please revise them according to INSTRUCTIONS TO AUTHORS of WJG.