

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 36647

Title: Hypoxia Preconditioning Protect Ca²⁺-ATPase Activation of Intestinal Mucosal Cells against R/I injury on a Rat Liver Transplantation Model

Reviewer's code: 03537089

Reviewer's country: Egypt

Science editor: Ze-Mao Gong

Date sent for review: 2017-10-17

Date reviewed: 2017-10-24

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 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"/> Duplicate publication	
<input checked="" type="checkbox"/> Grade D: Fair	<input checked="" 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 type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
		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 abstract needs great deal and major corrections regarding language and arrangement and exposure of scientific data. The core tip needs major corrections regarding language Where is list of abbreviations? The introduction needs great deal and major corrections regarding language and grammar. The introduction needs arrangement and exposure of scientific data. The introduction needs corrections regarding references The patients and methods need corrections regarding language, grammar, and to be shortened The results need major correction regarding grammar and language The results need major correction regarding scientific content The discussion needs major corrections regarding grammar and language The discussion needs major corrections regarding scientific content The discussion needs to be shortened The discussion needs corrections regarding references The references need correction

according to Vancouver Lastly, The manuscript needs major changes

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Name of journal: World Journal of Gastroenterology

Manuscript NO: 36647

Title: Hypoxia Preconditioning Protect Ca²⁺-ATPase Activation of Intestinal Mucosal Cells against R/I injury on a Rat Liver Transplantation Model

Reviewer's code: 02941317

Reviewer's country: Turkey

Science editor: Ze-Mao Gong

Date sent for review: 2017-10-17

Date reviewed: 2017-10-25

Review time: 8 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"/> [Y] 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"/> 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

Dear Authors the work is well established and needs minor language polishing

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 36647

Title: Hypoxia Preconditioning Protect Ca²⁺-ATPase Activation of Intestinal Mucosal Cells against R/I injury on a Rat Liver Transplantation Model

Reviewer's code: 03478923

Reviewer's country: United States

Science editor: Ze-Mao Gong

Date sent for review: 2017-10-17

Date reviewed: 2017-10-30

Review time: 12 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input checked="" 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 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

Sorry for the delay of reviewing this manuscript. After reviewing this manuscript, I found the study is an excellent study. In this study, the authors investigated the affection of ischemia and reperfusion (I/R) injury to the Ca²⁺-ATPase activation of rat intestine tissue during rat autologous orthotopic liver transplantation model. The hypoxia-induced HIF-1 α could protect mitochondria damage and Ca²⁺-ATPase activity against the ischemia and reperfusion (I/R) injury. The hypoxic precondition could improve the capability of tolerant hypoxia of small intestine mucosal cell, and reduced the apoptosis and pathological damage of intestinal cells. It could be a useful way to promote the earlier recovery of intestine function after graft procedure. Over all, this manuscript is excellent. The study is well designed. However, some language revisions are required.