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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 18327

Title: Heat shock pretreatment improved the effect of mesenchymal stem cells repairing hepatic ischemia-reperfusion injury in rats through activation autophagy

Reviewer's code: 03258294

Reviewer's country: Turkey

Science editor: Jing Yu

Date sent for review: 2015-04-18 16:21

Date reviewed: 2015-05-31 21:48

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 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

In their study the authors investiate the effect of heat shock pretreatment and mesenchymal stem cells therapy for hepatic ischemia-reperfusion injury. the aim is clear and the manuscript is well structured. however, I do have some important remarks. Firstly, methods sections lack important details. please provide full detail of mesenchymal stem cell production, rat sacrifice procedure, how samples were get... also provide references for the methods used.



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Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 18327

Title: Heat shock pretreatment improved the effect of mesenchymal stem cells repairing hepatic ischemia-reperfusion injury in rats through activation autophagy

Reviewer's code: 03258724

Reviewer's country: Iran

Science editor: Jing Yu

Date sent for review: 2015-04-18 16:21

Date reviewed: 2015-06-05 03:03

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" 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 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

Please correct the following errors Title: "improves" should be replace with "improved" Methods: provide an appropriate reference for the time of heat shock pre-treatment. Results: lines 287-296 should be removed. lines 338-339 should be removed. Line 354: "increases" should be replace with "increased" Line 363: "improves" should be replace with "improved" Line 404: "simulated" should be replace with "induced" Line : 423: "aiti-apoptosis" should be replace with "anti-apoptosis" -Please show an appropriate figure in addition to blots images in Figure 1.B.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 18327

Title: Heat shock pretreatment improved the effect of mesenchymal stem cells repairing hepatic ischemia-reperfusion injury in rats through activation autophagy

Reviewer's code: 00842923

Reviewer's country: Spain

Science editor: Jing Yu

Date sent for review: 2015-04-18 16:21

Date reviewed: 2015-05-04 16:03

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" 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
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<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

It is an interesting contribution evidenced the interaction of autophagy with apoptosis on MSCs under H2O2 condition and autophagy activation as a protective mechanism of HSP on MSCs.