



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 35799

Title: Hypothermic Machine Perfusion with Metformin-UW Solution For Ex Vivo Preservation of Standard And Marginal Liver Grafts In A Rat Model

Reviewer's code: 02936383

Reviewer's country: Germany

Science editor: Li-Juan Wei

Date sent for review: 2017-08-19

Date reviewed: 2017-08-25

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"/> 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		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

This is an interesting study about the effect of UW solution for preserving standard and marginal criteria liver grafts of young and aged rats ex vivo by hypothermic machine perfusion. The study is well designed, and the results support the conclusion. In this study, 18 young and 18 aged healthy male SD rats were selected and randomly divided into 3 groups –the control group, the UW solution perfusion group, and the UW solution with metformin perfusion group. The AST, ALT, LDH, IL-18, and TNF-α from the perfused liquid were tested. The authors found that the AST, ALT, LDH, IL-18 and TNF-α levels of the young and aged liver-perfused liquid in the MUWP group were, respectively, significantly lower than that in the UWP group, but no significant differences between the young and aged MUWP groups were found. Commens 1 A minor revision for the language. 2 The results are good, however, some more recent references should be discussed. 3 The figures are good, if the figure 5 and figure 6 can be



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changed to color figures, it will be more interesting.



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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 35799

Title: Hypothermic Machine Perfusion with Metformin-UW Solution For Ex Vivo Preservation of Standard And Marginal Liver Grafts In A Rat Model

Reviewer's code: 03226069

Reviewer's country: United States

Science editor: Li-Juan Wei

Date sent for review: 2017-08-19

Date reviewed: 2017-08-27

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 type="checkbox"/> [Y] Grade B: Very good	<input type="checkbox"/> [Y] 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 type="checkbox"/> Plagiarism	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> [] Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

Very interesting study. Only some minor language revision needed.



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Name of journal: World Journal of Gastroenterology

Manuscript NO: 35799

Title: Hypothermic Machine Perfusion with Metformin-UW Solution For Ex Vivo Preservation of Standard And Marginal Liver Grafts In A Rat Model

Reviewer's code: 03092961

Reviewer's country: Canada

Science editor: Li-Juan Wei

Date sent for review: 2017-08-19

Date reviewed: 2017-08-28

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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> [Y] 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 type="checkbox"/> Plagiarism	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> [] Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

Exceelent and well designed study. Only some minor language revisions are required.