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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 16393
Title: Losartan activates SIRT1 in rat reduced-size orthotopic liver transplantation
Reviewer's code: 03005621
Reviewer's country: China
Science editor: Jing Yu
Date sent for review: 2015-01-16 10:48
Date reviewed: 2015-02-04 15:41

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	PubMed Search:	[ ] Accept
[ ] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[Y] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

Losartan , as a classic drug for hypertention control, should be considered to induce hypotention in the related patients.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 16393
Title: Losartan activates SIRT1 in rat reduced-size orthotopic liver transplantation
Reviewer's code: 03011479
Reviewer's country: Brazil
Science editor: Jing Yu
Date sent for review: 2015-01-16 10:48
Date reviewed: 2015-02-07 00:45

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	PubMed Search:	[ ] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[Y] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The authors should be congratulated on their work. It brings new insights about IRI. I would like you to address some concerns, particularly in the methods section.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 16393
Title: Losartan activates SIRT1 in rat reduced-size orthotopic liver transplantation
Reviewer's code: 03011678
Reviewer's country: France
Science editor: Jing Yu
Date sent for review: 2015-01-16 10:48
Date reviewed: 2015-01-25 17:49

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	PubMed Search:	[Y] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The authors in this sperimental paper analyze a possible association between Losartan and sirtuin 1 (SIRT1) in rat reduced orthotopic liver transplantation (ROLT). The protective effect of antagonist of agiotensin II on ischemia reperfusion injury has been already demonstrated in the literature ? Protective effect of agiotensin II type I receptor antagonist, CV-11974, on ischemia and reperfusion injury of the liver ? Transplantation. 2001 Apr 27; 71(8):1034-9. Also recently, it has been shown that SIRT1 plays key roles in the regulation of lipid and glucose homeostasis, control of insulin secretion and sensitivity, antiinflammatory effects, control of oxidative stress and the improvements in endothelial function that result due to increased mitochondrial biogenesis and β-oxidation capacity. (Brunet A, Sweeney LB, Sturgill JF et al: Stresss-dependent regulation of FOXO transcription factors by the SIRT1 deacetylase. Science, 2004; 303: 2011–15). In this experimental study the authors were able to describe interaction between losartan that increases the levels of SIRT1 and a protective effect on reperfusion injury in a rat model of liver transplantation. To my knowledge in the literature have not yet been published data about. The manuscript is well written and data presented are detailed as well as the figures. However, There are some small imperfections of the language that need a

revison by a native. I suggest to accept the manuscript with English revision.