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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry
ESPS manuscript NO: 16597
Title: Effect of paricalcitol and enalapril on renal inflammation/oxidative stress in atherosclerosis
Reviewer's code: 01482015
Reviewer's country: Taiwan
Science editor: Xue-Mei Gong
Date sent for review: 2015-01-28 17:56
Date reviewed: 2015-02-24 17:31

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] The same title	[Y] 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 paper is well written and eligible to be published in the journal. The authors stated that this study was supported in part by Abbott Pharmaceutical in the ACKNOWLEDGEMENTS. It is better to describe in detail what kind of support the company give (grant or drug providers?) before acceptance.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry
ESPS manuscript NO: 16597
Title: Effect of paricalcitol and enalapril on renal inflammation/oxidative stress in atherosclerosis
Reviewer's code: 02601681
Reviewer's country: Slovenia
Science editor: Xue-Mei Gong
Date sent for review: 2015-01-28 17:56
Date reviewed: 2015-01-31 17:26

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[Y] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[ ] 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 paper "EFFECT OF PARICALCITOL AND ENALAPRIL ON RENAL INFLAMMATION AND OXIDATIVE STRESS IN MOUSE MODEL OF ATHEROSCLEROSIS " is very well written research paper. In their study they concluded that paricalcitol and enalapril combination therapy affords protection against renal inflammation and oxidative stress in atherosclerosis. The title is appropriate. The abstract provides a clear delineation between the research background, objectives, materials and methods, results, and conclusions may be derived from the data. Methods, Results and discussion section are well written. Language is appropriate.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry
ESPS manuscript NO: 16597
Title: Effect of paricalcitol and enalapril on renal inflammation/oxidative stress in atherosclerosis
Reviewer's code: 02621043
Reviewer's country: United States
Science editor: Xue-Mei Gong
Date sent for review: 2015-01-28 17:56
Date reviewed: 2015-02-22 04:58

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[Y] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[ ] 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

Husain et al. have studied the effects of two drugs, paricalcitol and enalapril, on renal inflammation and oxidative stress in ApoE-deficient atherosclerotic mice. They show that the mice develop hypertension which is prevented by enalapril or enalapril plus paricalcitol treatments but not with paricalcitol alone. In addition, renal inflammation and oxidative damage are shown to be associated with significant alterations in the expression of a set of proteins, such as up-regulation of TNF-alpha and down-regulation of CuZn-SOD. These changes can be significantly reduced by treatment with paricalcitol and enalapril. The work is executed professionally, with due statistical analysis. The manuscript is well written and the data clearly presented. This reviewer has no concerns except for some minor typos or corrections as specified below: Minor corrections: P. 2: Change chemoattaractant to chemoattractant P. 5: Change Institute to Institutes P. 6: Change "resolved on 12.5% SDS polyacrylamide gel (SDS PAGE)" to "resolved by 12.5% SDS polyacrylamide gel electrophoresis (SDS PAGE)"