

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

ESPS manuscript NO: 14578

Title: Mitochondrial Function and Regulation of Macrophage Sterol Metabolism and Inflammatory Responses

Reviewer's code: 00502781

Reviewer's country: Finland

Science editor: Xue-Mei Gong

Date sent for review: 2014-10-14 09:31

Date reviewed: 2014-12-23 18:19

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

Graham and Allen summarize the recent knowledge on the role of mitochondria in macrophage cholesterol homeostasis. I have some concerns. Major comments - The authors could shorten the Introduction (chapters 1, 2, and 3) as well as the chapter under the subtitle "Targeting protein constituents of the mitochondrial trafficking complex: impact on macrophage sterol metabolism and inflammation". - The authors might (shortly) discuss the impact of oxysterols on calcium signaling, mitophagy, mitochondrial unfolded protein response, mitochondria-associated membranes, apoptosis, and ER stress. Minor comments - Lack of space(s) between words in the title, text and references.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

ESPS manuscript NO: 14578

Title: Mitochondrial Function and Regulation of Macrophage Sterol Metabolism and Inflammatory Responses

Reviewer's code: 02601681

Reviewer's country: Slovenia

Science editor: Xue-Mei Gong

Date sent for review: 2014-10-14 09:31

Date reviewed: 2014-12-29 20:32

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed 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		<input 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 type="checkbox"/> No	

COMMENTS TO AUTHORS

The MS "Mitochondrial Function and Regulation of Macrophage Sterol Metabolism and Inflammatory Responses" is very well written review paper. In this paper the authors discuss the role of macrophages, oxidative stress, sterol Metabolism and Inflammatory Responses leading to atherosclerosis. It is very well written review paper in which the authors demonstrate good knowledge about the topic. I have only 1 remark. In the abstract section the authors should clearly state the aim of the review.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

ESPS manuscript NO: 14578

Title: Mitochondrial Function and Regulation of Macrophage Sterol Metabolism and Inflammatory Responses

Reviewer's code: 02948944

Reviewer's country: Turkey

Science editor: Xue-Mei Gong

Date sent for review: 2014-10-14 09:31

Date reviewed: 2014-12-30 16:53

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

Your manuscript is a study

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

ESPS manuscript NO: 14578

Title: Mitochondrial Function and Regulation of Macrophage Sterol Metabolism and Inflammatory Responses

Reviewer's code: 00227341

Reviewer's country: Italy

Science editor: Xue-Mei Gong

Date sent for review: 2014-10-14 09:31

Date reviewed: 2014-12-31 01:14

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed 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		<input 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 type="checkbox"/> No	

COMMENTS TO AUTHORS

The Authors summarize the role of mitochondria in macrophage cholesterol homeostasis. The paper is generally well-written and interesting. I have some comments. A) Introduction, line 48: I suggest to be clearer in defining the absence of clinically efficacy of dalcetrapib (dal-OUTCOMES III trial :Schwartz, G. G.; Olsson, A. G.; Abt, M.; Ballantyne, C. M.; Barter, P. J.; Brumm, J.; Chaitman, B. R.; Holme, I. M.; Kallend, D.; Leiter, L. A.; Leitersdorf, E.; McMurray, J. J. V.; Mundl, H.; Nicholls, S. J.; Shah, P. K.; Tardif, J. C.; Wright, R. S.; Dal-Outcomes, I. (2012). "Effects of Dalcetrapib in Patients with a Recent Acute Coronary Syndrome". New England Journal of Medicine 367 (22): 2089-2099) and niacine (Keene, D; Price, C; Shun-Shin, MJ; Francis, DP (18 July 2014). "Effect on cardiovascular risk of high density lipoprotein targeted drug treatments niacin, fibrates, and CETP inhibitors: meta-analysis of randomised controlled trials including 117,411 patients.". BMJ (Clinical research ed.) 349: g4379) B) References: There are no number in the References, and there are no publication date (year) in several articles.