

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

ESPS manuscript NO: 28941

Title: Interaction of hyperlipidemia and reactive oxygen species: Insights from the lipid-raft platform

Reviewer's code: 00607640

Reviewer's country: Taiwan

Science editor: Fang-Fang Ji

Date sent for review: 2016-07-26 09:16

Date reviewed: 2016-08-12 08:58

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	[Y] No	[] Minor revision
[] Grade E: Poor		BPG Search:	[] Major revision
		[] The same title	
		[] Duplicate publication	
		[] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

In this manuscript, the author reviewed the reactive oxygen species production and the modification of lipid raft compartments in hyperlipidemia. It is suitable to the Journal and could be helpful in the development of novel therapeutic strategies for hyperlipidemia-associated pathologies.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

ESPS manuscript NO: 28941

Title: Interaction of hyperlipidemia and reactive oxygen species: Insights from the lipid-raft platform

Reviewer's code: 01020435

Reviewer's country: United Kingdom

Science editor: Fang-Fang Ji

Date sent for review: 2016-07-26 09:16

Date reviewed: 2016-08-12 17:05

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

This is a well written mini-review or editorial that addresses important mechanisms in ROS biology. I think the editorial could be enhanced by including a small section on how ROS themselves can affect lipid biochemistry and membrane lipid rafts. A minor point, use of NOX as opposed to NADPH oxidase would be consisted with modern terminology and some key points within the texts.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

ESPS manuscript NO: 28941

Title: Interaction of hyperlipidemia and reactive oxygen species: Insights from the lipid-raft platform

Reviewer's code: 00227526

Reviewer's country: Japan

Science editor: Fang-Fang Ji

Date sent for review: 2016-07-26 09:16

Date reviewed: 2016-08-17 16:52

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

This manuscript is a concise review illustrating effects of ROS on lipid rafts in hyperlipidemia. Although this article is well written and suitable for publication in this Journal, some minor points should be corrected. NADPH oxidase, Nox2 or NOX (Page 6) Give the full spelling of Nox2 or NOX (Page 6) or use NOX instead of NADPH oxidase at all cases in this text because NOX is the abbreviation of NADPH oxidase. Page 8, line 2 up, Check the typos. "were needed" is "are needed"?

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

ESPS manuscript NO: 28941

Title: Interaction of hyperlipidemia and reactive oxygen species: Insights from the lipid-raft platform

Reviewer's code: 00069774

Reviewer's country: Thailand

Science editor: Fang-Fang Ji

Date sent for review: 2016-07-26 09:16

Date reviewed: 2016-08-17 17:16

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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input checked="" type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	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

Although lipid/protein raft plays important role in regulating microenvironment for the activity of many enzymes, such as eNOS, cytoskeletal is another structure that closely modulates the activity of lipid-raft. Author may mention the role of cytoskeletal, particularly, the action of statins on eNOS activity. Statins present several effects apart from cholesterol lowering effect and some effects are mediated via inhibition of isoprenylation of the small G-protein, which in turn modulates the actin cytoskeleton. The label on Fig.1 may not quite right "Red: Oild red O" ?? The subtitles in pages 3, & 4 are not meaningful, author may rewrite these subtitles.