

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 19889

Title: Inhibition of SphK1 Ameliorates D-GalN/LPS-Induced Acute Liver Failure and Reducing HMGB1 Cytoplasmic Translocation in Liver Cell

Reviewer's code: 02502249

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Science editor: Jing Yu

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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 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"/> 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 manuscript is very interesting, and the study is well designed. Acute liver failure is characterized by a sudden and massive death of liver cells and remains a disease with high mortality and limited therapeutic options, often demanding liver transplantation. In this study, the authors demonstrated that SphK1 was up-regulated in liver tissue and PBMC in acute liver failure mouse model induced by GalN/LPS. Furthermore, inhibition of SphK1 with DMS ameliorates acute liver failure and reducing HMGB1 cytoplasmic translocation in liver cell in the animal model. Comments to the authors 1 Although the manuscript is well written, some minor language polishing need to be revised. 2 Please check the references NO. 1, 2, 3, 4, and 8. There are different reference list in the text.