

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 27555

Title: ELF is involved in of hepatic stellate cell by regulating PI3K/ Akt signaling

Reviewer's code: 03536410

Reviewer's country: China

Science editor: Yuan Qi

Date sent for review: 2016-06-04 21:00

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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 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

1. Similar results have been published by authors previously (Wang Z et al., J Cell Mol Med 2012; 16:118-28). For example: ELF expression is upregulated in fibrotic liver (Fig 1). A remarkable reduction in SMA and collagen 1 expression were observed in the ELF-siRNA treated HSCs(Fig 4D).
2. How about the expression of GLUT1 and MCT4 in ELF SIRNA treated cells? How about the expression level of lactate in ELF SIRNA treated cells?
3. How about the expression of total AKT?
4. In order to confirm these results, authors should use the mice knockout of ELF to construct the fibrotic model.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 27555

Title: ELF is involved in of hepatic stellate cell by regulating PI3K/ Akt signaling

Reviewer's code: 02763827

Reviewer's country: Japan

Science editor: Yuan Qi

Date sent for review: 2016-06-04 21:00

Date reviewed: 2016-06-20 09:22

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 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

In this study, Tu, Ye and Wang have studied that the embryonic liver fordin (ELF) was involved in the couples of signaling pathways to activate the glucose glycolysis of hepatic stellate cells during the liver fibrosis. The PI3K/Akt signaling and glucose glycolysis-related proteins were found in this study. The data in this manuscript are convinced, but some major concerns need to be revised by the authors before the consideration of publication. Major concerns: 1. The authors should have the English-editing to help this manuscript better for reading. Too many typos were found in this manuscript. Such as HSCs(Hepatic stellate cells), ECM(Extracellular matrix)...etc. 2. The authors should not provide the information about "Institutional review board statement: This work was approved by the Ethics Committee of Tongji Medical College, Huazhong University of Science and Technology.", if they did not execute the human study. 3. ELF is not the common abbreviation for any research field. Please use the embryonic liver fordin instead of ELF alone in the title. 4. Please provide the reference about the description in the introduction, such as "Our previous study demonstrated that ELF is involved in HSC activation in vivo and in vitro. First, we found that ELF expression was increased in HSCs in a mouse model of liver fibrosis induced by CCL injection.". 5.



BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

<http://www.wjgnet.com>

Is the Q-HSCs as the quiescent HSCs? Please use the appropriate abbreviation in the beginning of the term. 6. Please provide the information of manufactory about the siRNA. The authors showed only the A&B Applied Biosystems. 7. Please re-write the sentence in the materials and methods, which showed "Liver specimens mice were fixed in 10% formalin, embedded with paraffin and then sliced into sections.". "GAPDH was used as control.". 8. The figures were not audience-friendly. For example, the Figure 1D should be divided to Figure 1D and 1E. Figure 1D was alpha-SMA and Figure 1E was collagen. Figure 2A, Figure 3A, Figure 4D, Figure 5B, Figure 5C, and Figure 5D were needed too.