

ANSWERING REVIEWERS

October 22, 2014



Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 12417-review.doc).

Title: Urotensin II alteration and effects on cytokines in early acute liver failure

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Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 12417

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

00503401

- (1) The manuscript has been re-organized according to the reviewer;
- (2) We have some conventional methods (but not novel methods) used in the experiments, so we think it is easy for other researchers to reproduce or validate the results.

00157564

- (1) The discussion has been revised according to the reviewer;
- (2) The abbreviations are spelled out in the title and abstract, as well as the text, according to the reviewer;

(3) The English of the paper has been revised with the help of the language editing company.

00182114

- (1) The mechanism of up-regulation of UII remains elusive in ALF. A recent study demonstrated that UII is mainly expressed in hepatic non-parenchyma innate immune cells including KCs and ECs (but not hepatic parenchyma cells) in ALF. It is unclear whether TLR4 signal is involved in the up-regulation due to the immune-mediated inflammation injury of UII in liver;
- (2) TLR4 signals including NF-kappa B and MAPKs pathway are involved in the early releases of TNF-alpha and IL-1beta;
- (3) Inhibition of UII/UTR system relieves acute inflammation of liver through preventing activation of NF-κB pathway in ALF according to our previous article[1].

References

- [1] Liang DY, Liu LM, Ye CG, Zhao L, Yu FP, Gao DY, Wang YY, Yang ZW, Wang YY. Inhibition of UII/UTR system relieves acute inflammation of liver through preventing activation of NF-κB pathway in ALF mice. *PlosOne*, 2013; 8: e64895 [PMID: 23755157; doi: 10.1371/journal.pone.0064895]

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours,

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