

ANSWERING REVIEWERS

December 24, 2014

Dear Editor,



Please find enclosed the edited manuscript in Word Format (file name: liu J 15094-Edited.doc)

Title: Dihydromyricetin alleviates CCl₄-induced acute liver injury via JNK-dependent TNF- α down-regulation in mice

Author: Jun Xie, Jie Liu, Tuming Chen, Qing Lan, Qingyu Zhang, Bin Liu, Dong Dai, Weidong Zhang, Liping Hu, Runzhi Zhu

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 15094

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

(1) From the data described the authors cloud not conclude that there is a direct relationship between the protective effect of DHM and the TNF- α reduction, because a causal relationship has not been shown. The title should be modified accordingly (e.g. "Dihydromyricetin alleviates CCl₄-induced acute liver injury via a JNK-dependent mechanism")

A: The Title was modified as "Dihydromyricetin alleviates CCl₄-induced acute liver injury via JNK-dependent mechanism in mice" (high light marked).

(2) The description of the data in the result section lacks a logical sequence. "DHM Protects Mice against Acute Liver Injury" paragraph should include only the description of Figure 1 whereas histological data should be described in a separate paragraph together with PCNA staining and TUNEL assay. The title of the paragraph should be modified accordingly. Figure 3A should be removed from figure 3 panel and eventually add to figure 4. The scheme shown in Figure G should be moved at the end and the role of TNF- α should be discussed as suggested above.

A: The description of the result section was modified (high light marked), Figures was rearranged follow the reviewer suggest.

(4) English writing should also be modified.

A: English writing was midified.

3 References and typesetting were corrected.

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

Sincerely yours,

Runzhi Zhu, PhD
Affiliated Hospital

of Guangdong Medical College,
NO. 57 South Renmin Road
Zhanjiang 524001, China
Fax: +86 759 2387596
Email: hepatolab@163.com