

July, 17, 2013

Dear Editor

Please find enclosed the edited manuscript in Word format (file name: 3597-review-WJG-revise.doc).

Title: C/EBP homologous protein (CHOP) deficiency aggravates acute pancreatitis and associated lung injury

Author: Te I Weng, Hsiao Yi Wu, Bo Lin Chen, Jie Yang Jhuang, Kuo How Huang, Chih Kang Chiang, and Shing Hwa Liu

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 3597

Thank you very much for your kind to give us a chance to revise our manuscript (Manuscript No: 3597) entitled "C/EBP homologous protein (CHOP) deficiency aggravates acute pancreatitis and associated lung injury".

We have carefully revised this paper according to the valuable suggestions of you and reviewers. We also provided a language certificate by professional English language editing company (Wallace Academic Editing, Taipei, Taiwan). We believe this revised manuscript can respond adequately to the most important issues raised by reviewers. We are also to respond to reviewers' comments as followings:

Review 1 (Reviewed by 00503444):

1. The authors aimed to investigate the pathophysiological role of C/EBP homologous protein (CHOP) in severe acute pancreatitis and associated lung injury. They should explain how their data add to the study of Suyama et al. [Suyama K, Ohmuraya M, Hirota M, Ozaki N, Ida S, Endo M, Araki K, Gotoh T, Baba H, Yamamura K. C/EBP homologous protein is crucial for the acceleration of experimental pancreatitis. *Biochem Biophys Res Commun.* 2008 Feb 29;367(1):176-82.] and to those of Kubisch & Logsdon [Kubisch CH, Logsdon CD. Secretagogues differentially activate endoplasmic reticulum stress responses in pancreatic acinar cells. *Am J Physiol Gastrointest Liver Physiol.* 2007 Jun;292(6):G1804-12.].

Response:

We appreciate to the suggestion by reviewer. We cited and discussed the studies of Suyama et al. (2008) and Kubisch & Logsdon (2007) in the Discussion of this revised manuscript.

2. Comment 1: "Serum amylase and lipase levels were detected ": activities not levels

Response:

We appreciate to the suggestion by reviewer. We have corrected the errors in this revised manuscript according to the suggestion of reviewer.

3. Comment 2: "Data are expressed as mean \pm standard error of the mean (SEM). Statistical comparisons between experimental groups were performed using one-way ANOVA test followed by two tailed Student t test. ". The authors should report whether the data normally distributed.

Response:

We appreciate to the suggestion by reviewer. According to the statistical results, the data are normally distributed. We added the description of "the data are normally distributed" in the figure legends of this revised manuscript.

4. Comment 3: The authors stated that their findings confirm that severe acute pancreatitis is primarily associated with necrosis and, to a lesser extent, with apoptosis in acinar cells, whereas mild acute pancreatitis is primarily associated with apoptotic acinar cell death: this is a well known phenomenon recognized by physicians and should be reworded.

Response:

We appreciate to the suggestion by reviewer. We have reworded this sentence in the first paragraph of Discussion of this revised manuscript according to the suggestion of reviewer.

Review 2 (Reviewed by 00503540):

This is a unique study and the acquired data support that CHOP has a protective effect against acute pancreatitis.

Response:

We appreciate to the positive suggestion by reviewer.

Thank you for your kind assistance in reviewing our paper.

Yours sincerely,

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