

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 4488-revised manuscript.doc).

Title: Hyperoxia accelerates progression of hepatic fibrosis by up-regulating of transforming growth factor- β expression

Author: Sang Hwa Lee, Hyun-Soo Kim

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 4488

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.

Reviewer's comment: While data is interesting, analysis of ROS levels will further confirm a correlation between oxygen levels, TGF- β and fibrosis. I encourage the authors to include an additional figure on ROS levels for the above mentioned reason.

Answer: We thank the reviewer for pointing this out, and completely agree with the reviewer's opinion. It's necessary to take into consideration that the measurement of ROS levels is important to verify relationship between oxygen tension, TGF- β and the degree of hepatic fibrosis. Unfortunately, however, the fresh liver tissue samples were all used up for the TGF- β mRNA quantification. We did not even collect any other types of samples that can be utilized for ROS detection, such as blood or urine, from the animals used. So, at this moment, we cannot perform complementary experiments for ROS measure in samples of the same animals. We feel strongly that additional investigations are necessary to determine the amount of ROS production caused by exposure to hypoxic or hyperoxic conditions in a new large cohort of animals.

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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