

2nd October 2013

To: Editor-in-Chief

Baishideng Publishing Group Co. Limited

Dear Editor

Please find enclosed our responses to the comments of the reviewers **01809232** and **01810523** of our manuscript, entitled, "*The Effect of Alcohol Exposure on Hepatic Superoxide Generation and Hepcidin Expression*" (**ESPS Manuscript No 5195**) submitted to World Journal of Biological Chemistry .

Reviewer 01810523

We appreciate the compliments of the reviewer regarding the quality of our manuscript.

Reviewer 01809232

We thank the reviewer for the mini comment regarding data in figure 6A with alcohol and SOD2 protein expression. The reviewer suggests that the lack of statistical significance regarding alcohol-mediated increase in SOD2 protein expression may be due to small sample size. We performed western blots (n=8) with lysates prepared from both whole livers and perfused hepatocytes isolated from multiple mice from different experiments (n=4). Alcohol-fed *Sod2*^{+/-} mice displayed individual differences in the level of hepatic SOD2 protein expression. We therefore believe that the lack of statistical significance regarding alcohol-mediated increase in SOD2 protein expression is not due to sample size. As the reviewer suggested, we investigated hepatic *Sod2* mRNA levels by real-time PCR. In agreement with our SOD2 protein data, alcohol did not induce any significant changes in hepatic *Sod2* mRNA levels. We have edited the manuscript accordingly and incorporated the new *Sod2* mRNA data in both Results (*page 12 first paragraph, lines 4-6*) and Discussion (*page 15, lines 7 & 8*) sections of our revised manuscript.

We hope that the revised manuscript No 5195 is now acceptable for publication in the World Journal of Biological Chemistry. We thank you for your consideration.

Sincerely

Dee Harrison-Findik, PhD
95820, UNMC, Omaha, NE, 68198-5820
P: 402-559-6355; F: 402-559-6494
dharrisonfindik@unmc.edu