

May 23, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 8754-editedA-Marilyn.doc).

Title: Mechanisms of hepatic ischemia-reperfusion injury and protective effects of nitric oxide

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Name of Journal: *World Journal of Gastrointestinal Surgery*

ESPS Manuscript NO: 8754

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 reviewers

(1) We have re-written the abstract to better cover the content of the manuscript.

(2) Three figures have been put on for a better understanding of the content.. One is the illustration of the overall mechanisms of liver IRI, one is the illustration for the cytokine network, and one is the summary of the protective effects of NO on liver IRI. Hope these will give the reader of the manuscript a clear view of all involved molecules and signaling.

(3) We have added the sentences at the beginning of some sections to potentiate the connection among paragraphs and to make the paper flow better.

(4) We have reorganized the contents and delete the paragraph containing anti-ET-1.

(5) We have also add a few new references to provide more clinical relevance.

(6) We have addressed the incidences of IRI in the introduction and abstract.

(7) We have re-written the conclusion section which address the current most important issues of liver IRI to work on and how further to explore the mechanisms of IRI.

(8) A list with all used abbreviations has been made.

(9) It has been edited by a professional English language editor, the certificate has been provided.

3 References and typesetting were corrected

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

Sincerely yours,



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