

April 28, 2015

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: Metallo review 17730-Main Manuscript)

Title: Role of matrix metalloproteinases in cholestasis and hepatic ischemia/reperfusion injury: a review

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Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 17730

The manuscript has been improved according to the suggestions of reviewers:

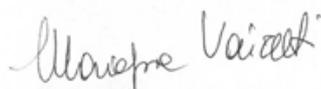
Revision has been made according to the suggestions of the reviewer

- (1) As requested (Reviewer 00188507), the item "hepatotoxic liver disease" (page 5, line 5) has been modified in "hepatotoxic disease"
- (2) As recommended (Reviewer 00006675), the title has been modified in "in cholestasis and hepatic ischemia/reperfusion injury"; Figure 1 has been changed connecting Kupffer cells through MMP-9 release with ECM remodeling; the use of abbreviations have been revised as well as the spelling; the starting sentence in the conclusion has been modified and "Genetic analysis" eliminated (page 14).
- (3) As recommended (Reviewer 02861186), the title has been modified including the declaration of a "review": Role of matrix metalloproteinases in cholestasis and hepatic ischemia/reperfusion injury: a review.
- (4) As recommended (Reviewer 03260935), the title has been modified including the declaration of a "review": Role of matrix metalloproteinases in cholestasis and hepatic ischemia/reperfusion injury: a review. The methodology used for the research has been included (page 6). As requested the references before 2000 have been eliminated except for:
REF 49 (Kossakowska AE): It's the only study in which the early MMPs and TIMPS alterations (within the first week after BDL) have been evaluated.
- (5) No comments from Reviewer by 03262397.

All the references are properly cited.

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

Sincerely yours,



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