

ANSWERING REVIEWERS



October 29th , 2013

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 5959-edited.doc).

Title: Role of intrahepatic innervation in regulating the activity of liver cells

Author: Letitia Adela Maria Streba, Cristin Constantin Vere, Alin Gabriel Ionescu, Costin Teodor Streba, Ion Rogoveanu

Name of Journal: *World Journal of Hepatology*

ESPS Manuscript NO: 5959

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

(1) 00504913

Reviewer comment: *The manuscript entitled "The Role of Intrahepatic Innervation in Regulating the Activity of Liver Cells" by Letitia Adela Maria Streba and coworker is a short review that illustrates how the peripheral nervous system interacts with the hepatocytes and how it modulates their metabolism and functions. The selected argument is complex and covers a wide range of neurotransmitting/receptor systems. Overall, this is a well-written and well-conceived manuscript. The work is original, well organized and coherent with the title proposal and has been validated through the citation of relevant papers. As is, a minor criticism is that the authors did not sufficiently (and systematically) described the receptor types (metabotropic/ionotropic) nor the transduction mechanisms (and the second messengers) used by the different neuro-transmission/ neuro-modulation systems.*

Response: Thank you for your comment! We have now described the receptor types and the transduction mechanisms and tried to systematize them in a more appropriate manner.

(2) 00504119

Reviewer comment: *You need finish the article with a conclusion or perspectives around this review*

Response: Thank you for your suggestion. We have now drawn the necessary conclusions and inserted a paragraph detailing future perspectives opened by a better understanding of the liver innervation.

(3) 01568670

Reviewer comment: *This review article describes the role of intrahepatic innervation in regulating the activity of liver cells. Although the paper is kind of descriptive, the effect of intrahepatic innervation on regulation*

of liver cells is well explained. The text is strongly suggested to include the schematic figures so that the readers can understand the relationship between the described findings.

Response: Thank you for your suggestion. We have now added a figure in an effort to better explain the mechanisms and pathways involved in liver innervation.

3 References and typesetting were corrected according to the editorial suggestions.

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

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'Costin Teodor STREBA', with a stylized, flowing script.

Costin Teodor STREBA, MD, PhD

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