

## Answering to Reviews



December 3, 2013

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 5983-review.doc).

**Title:** How Hepatitis C Virus Invades Hepatocytes: Decipher the Mystery of Viral Entry

**Author:** Yong-Zhe Zhu, Xi-Jing Qian, Ping Zhao, Zhong-Tian Qi

**Name of Journal:** *World Journal of Gastroenterology*

**ESPS Manuscript NO:** 5983

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 No. 00006542

(1)The expression "cell binding" was removed when describing the role of HCV envelope glycoproteins.

(2)Recent data on pestiviruses and HCV are no longer in favor of E2 being a fusion protein were added (Page 4, Line 21).

(3) It was added that "Although HCV particles bind to the LDLR, it seems that this interaction does not lead to a productive entry process" (Page 7, Line 6).

(4)The endosomal fusion part was revised (Page 10, Line 16).

(5)The word "effect" was added (Page 12, Line 14).

(6) References were corrected.

(7) Typesetting was corrected

3 Revision has been made according to the suggestions of the reviewer No. 00503952

(1)In the paragraph of "The participants and the cell entry pathway", a table was added to make it clear to the readers about how many receptors are involved in HCV entry. This table described the characterization and the main function of cell surface molecules involved in HCV entry (Page 6, Line 8, and Page 39).

(2)The abstract was revised to be more informative and specific. (Page 2)

(3)Conclusion and perspectives part was revised to be clearer. Some take-home messages were added to this part. (Page 16, Line 17)

4 References and typesetting were corrected

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

Sincerely,

Ping zhao

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