

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name:7119-V2.doc).

Title: Control of hepatitis B virus replication by interferons and Toll-like receptor signaling pathways

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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. The modifications in the manuscript are highlighted.

(1) Our opinion on the current concept and the comments to the publications are added, and one table is supplemented according the suggestion of reviewer 1.

(2) A table (Table 1) is added according to the suggestion of reviewer 1.

(3) The role of miRNA and TLR in HBV replication is discussed in line 373-376 according to the suggestion of reviewer 2.

(4) The sentence in line 289 now line 344 had been changed to 'Though HBV itself does only trigger innate immune responses in a limited extent...' according to reviewer 2's suggestion.

(5) A sentence 'it is discussed whether the majority of edited HBV genomes are able to secreted' (line 247-248) was added in the APOBEC part according to the suggestion of reviewer 2.

(6) A sentence 'The reduction of TLR expression might be induced by HBV infection or a result of the exhaustion of TLR system under continuous activation.' (line 381-383) was

added in section 6 according to the suggestion of reviewer 2.

(7) The description and the abbreviations of Fig.1 were modified according to the suggestion of reviewer 3.

(8) A table (Table 2) summarizes the information about TLRs is added according to the suggestion of reviewer 3.

3. References and typesetting were corrected

I hope that our manuscript will be suitable for publication in the World Journal of Gastroenterology.

Sincerely yours,

Prof. Dr. Mengji Lu

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