

Format for ANSWERING REVIEWERS



June 05, 2014

Dear Editor,

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

Title: How did hepatitis B virus affect the host genome in the last decade?

Author: Pinar Ozkal-Baydin

Name of Journal: *World Journal of Hepatology*

ESPS Manuscript NO: 10923

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) According to the suggestions of the **Reviewer No: 504271**

The recent analysis using the next generation sequence for integration site of HBV genome included as 7th paragraph at "Direct Effects of Integration Triggered by the HBV DNA on the Host Genome" part on page 7-8. Sung et al, Fujimato et al. , Jiang et al. and Ding et al. researches included in this paragraph, in the "References" and also in the last paragraph (line 2-5)of the "Future Perspectives" part commenting the usefulness of this type of technologies.

(2) According to the suggestions of the **Reviewer No:1800545**

A Table showing "Genes targeted by HBV DNA integration" has been added to the review, as **Table 1**, to make readers understand and see the targeted genes together which were mentioned in the "Direct Effects of Integration Triggered by the HBV DNA on the Host Genome" part. In this part you may find (Table 1) in paragraph 4, line 9; paragraph 5, line 4, line 26; paragraph 6, line 3 and paragraph 7, line 13.

(3) According to the suggestions of the **Reviewer No:504486**

A Table showing "Genes targeted by HBV DNA integration" has been added to the review, as **Table 1**, to make readers understand and see the targeted genes together which were mentioned in the "Direct Effects of Integration Triggered by the HBV DNA on the Host Genome" part. In this part you may find (Table 1) in paragraph 4, line 9; paragraph 5, line 4, line 26; paragraph 6, line 3 and paragraph 7, line 13. Integration sites of host chromosome were not included in this Table because all integration sites of host chromosome were not mentioned in this part.

(4) According to the suggestions of the **Reviewer No: 225318**

In the section devoted to the integration of the viral genome , it is now cited and discussed the study of Ding D as 7th paragraph, on page 7-8 also by adding Sung et al., Fujimoto et al. and Jiang et al. studies. Likewise this quote included in the last paragraph (line 2-5) of the section "Future Perspectives", commenting the usefulness of this type of technologies.

In section about "Epigenetic Effects of HBV on the Host DNA" it is commented the study of

Fernandez AF as 2nd paragraph.

The section on "Surface Proteins" is expanded by the studies of Chung et al., Churin et al. and Rao et al. You may find them in the "Surface Proteins" part, paragraph 2 line 4, 5, 8-14 and paragraph 3.

Spelling of the manuscript is checked.

3 References and typesetting were corrected

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

Sincerely yours,

Pinar OZKAL-BAYDIN, PhD

Ankara University

Stem Cell Institute

Ankara/TURKEY

Telephone: +90 312 5836601

E-mail: ozkal@medicine.ankara.edu.tr