

Review Form 1.6

Journal Name:	International Journal of Research and Reports in Hematology
Manuscript Number:	Ms_IJR2H_88331
Title of the Manuscript:	T-Cells expression in HBV Infected Subjects in Port Harcourt, Rivers state, Nigeria
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<p>The authors evaluated the peripheral T lymphocyte subsets in HBV Infected patients in comparison with healthy controls. I have a lot of considerable concerns.</p> <p>Major comments</p> <p>#1. The activity of T cells specific to HBV is doubtlessly important for the courses of HBV infection. But I doubt the role of the counts of T cell subsets in the course of HBV infection. The authors present only one manuscript on the counts of T cell subsets in the course of HBV infection. (ref. 6). In the present study, they showed the difference of T cell subsets between control and HBV patients. But the difference can be attributed to the difference of age, gender, activity and stage of hepatitis.</p> <p>#2. P2, line 36-38. Ref. 10 does not deal with HBV. Ref. 11 did not deal with CD8+ T cell response in HBV infection.</p> <p>#3. There are several descriptions on HBcAg in the main text and Tables, but they must not have measured HBcAg.</p> <p>#4. Materials and methods 2.10 and 2.11. They described the sequences of operation. They are not necessary. The information of the kits, reagents and their suppliers should be presented.</p> <p>#5. Results 3.2 and 3.3 and Figures 1 and 2. These data are not needed to be presented.</p> <p>#6. Results 3.4 and Table 2. These data should be presented in Table 1.</p> <p>#7. Results 3.5 and 3.6 and Tables 3 and 4. I think these statistical results are meaningless for this study.</p> <p>#8. Table 6. They presented HBV positive 4 (No DNA). What kind of subgroup is HBV positive 4 (No DNA)? Did they measure HBV DNA?</p> <p>#9. Table 6. What do they mean by the superscripts a and b.</p> <p>#10. Table 6. They compared the T cell subsets among four subgroups of HBV infection. They should clearly indicate the two subgroups between which there are significant differences of T cell subsets. The data of age, gender, HBVDNA, HBeAg, ALT, platelets, WBC, and INR should be also presented.</p> <p>#11. Age, gender, stages of liver disease, and other factors are likely to affect T cell subsets. The authors should present the these data in Table 4</p> <p>#12. Discussion, 2nd paragraph. They described that Thimme et al reported T cell profiles in chronic HBV patients in ref. 4, but ref. 4 deals acute HBV infection in chimpanzees.</p> <p>#13. Discussion, 3rd paragraph. Please present the references for this description.</p> <p>#14. Discussion, 5th paragraph. Age apparently affect T cell subsets in Table 7.</p> <p>#15. Discussion, 6th and 7th paragraphs. These paragraphs and Figures 3 and 4 seem to be unnecessary for this study.</p> <p>#16. Discussion, 9th paragraph. They did not assess the prevalence of HBV infection in general population. They can't say that HBV is endemic in Nigeria from their results.</p> <p>#17. Discussion, 10th paragraph. The authors regard HBV positive 3 as occult HBV. But this is not appropriate, since these patients were apparently positive for HBsAg before antiviral treatment.</p> <p>#18. Conclusion. They can't say that CD4 count was decreased without any statistical significance.</p>	
Minor REVISION comments	<p>#1. They use the words of "Test Subjects β" or "Test Subjects B". They cause confusion.</p> <p>#2. Statistical analysis. What kind of methods did they use? Did they use Student's t test? They should indicate the names of the methods.</p>	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes. Kindly please write down the ethical issues here in details)</i>	

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