

## Review Form 1.7

Journal Name:	<b>Asian Journal of Research in Infectious Diseases</b>
Manuscript Number:	<b>Ms_AJRID_105401</b>
Title of the Manuscript:	<b>Variation of biological and biochemical parameters in patients receiving antiretroviral treatment at the Maradi Regional Hospital during 2021-2022</b>
Type of the 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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>the manuscript is important for scientific community</p> <p><b>the title of the article is suitable</b></p> <p>the abstract of the article is comprehensive <b>subsections and structure of the manuscript are appropriate</b></p> <p><b>the manuscript is scientifically correct</b></p> <p><b>the references are not sufficient and recent ones should be added as mentioned later</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>English editing is needed</p>	
<p><b>Optional/General</b> comments</p>	<p>Congratulation for good work. for better flow of ideas and advancing the base knowledge of your paper, I have the following concerns to be taken in consideration.</p> <p><u>In the introduction ,It will be so beneficial if you shed a light on immune basis of HIV which is so important to understand basis of treatment of such disease. The following should be added and references get supplied.</u></p> <p>CD11a is important for normal lymphocyte development [1]. HIV activates CD4+ T lymphocytes, dendritic cells, and macrophages, resulting in immune system dysfunction [2]. Toll like receptor 2 and 4 (TLR2 and TLR4) play a considerable role in the host defense against microorganism [3]. HIV-1-infected patients, increased expression of TLR2 and TLR4 was observed in DCs, but only of TLR2 in monocytes [4]. IL-10 is an immune-regulatory cytokine [5] having a potential pathogenic role in HIV infection [6], while There is no association between HIV naive and sVCAM-1[7], as the latter is a cytokine-inducible endothelial cell adhesion molecule (CAM) [8]. PD-L1 is responsible for T cell activation, proliferation, and cytotoxic secretion to produce anti-tumor and immune responses [9]. PD-1 and HIV-specific CD4 T cell responses dysregulation are major features of HIV infection[10].</p> <p>[1] Abdel Hameed MR, Nafady HA, Mostafa MI, Sayed D, Obiedallah AA. Possible Role of CD11a in Primary Immune Thrombocytopenia Patients on Immunosuppressive Therapy. J Blood Med. 2021;12:197-205 <a href="https://doi.org/10.2147/JBM.S300717">https://doi.org/10.2147/JBM.S300717</a></p> <p>[2]. Xue W., Zhang Y., Wang H., Zhang Y., Hu X. Multicenter study of controlling nutritional status (CONUT) score as a prognostic factor in patients with HIV-related renal cell carcinoma. <i>Frontiers in Immunology</i> . 2021;12 doi: 10.3389/fimmu.2021.778746.778746</p>	

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	<p>[3] Abdel Hammed MR, Elgendy SG, El-Mokhtar MA, Sayed D, Mansour SM, Darwish AM. T-lymphocytes Expression of Toll-like Receptors 2 and 4 in Acute Myeloid Leukemia Patients with Invasive Fungal Infections. Mediterr J Hematol Infect Dis. 2022 Mar 1;14(1):e2022022. doi: 10.4084/MJHID.2022.022. PMID: 35444773; PMCID: PMC8992612.</p> <p><u>IRB should be added [date and number]</u></p> <p><u>References should be renewed as mentioned, add previous references.</u></p>	
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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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