

Review Form 3

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_122778
Title of the Manuscript:	Assessment of Inflammatory Markers Varying Malaria Parasite Densities in Patients Attending Rivers State University Teaching Hospital, Port Harcourt
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript presents significant insights into the relationship between malaria parasitaemia and inflammatory markers, specifically IL-6 and TNF- α , which are crucial for understanding malaria pathogenesis. The study's focus on a specific geographic area adds value by addressing the unique epidemiological factors affecting malaria in Port Harcourt, Nigeria. The findings could pave the way for developing targeted therapeutic strategies to mitigate the severity of malaria by modulating inflammatory responses. However, the discrepancies between this study's findings and previous research highlight the need for further investigation into the locality-specific factors influencing inflammatory responses in malaria.	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title :Assessment of Inflammatory Markers Varying Malaria Parasite Densities in Patients Attending Rivers State University Teaching Hospital, Port Harcourt is suitable as it clearly captures the study's focus and location. However, for enhanced clarity, consider rephrasing it to: Assessment of Inflammatory Markers Across Varying Malaria Parasite Densities in Patients at Rivers State University Teaching Hospital, Port Harcourt.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is missing from the provided content. Ensure the abstract succinctly summarizes the study's objectives, methods, key findings, and implications. If it exists, confirm it includes the study's aim, methodology, significant results, and conclusions, ensuring it provides a comprehensive overview of the research.	
Are subsections and structure of the manuscript appropriate?	The manuscript is well-structured, with clear subsections detailing the study area, design, population, methods, results, discussion, and conclusion. Ensure each section provides sufficient detail to understand the study's execution and findings. Consider adding a separate section for "Limitations" to enhance transparency and guide future research directions.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This manuscript appears scientifically robust, employing a cross-sectional study design and using ELISA for inflammatory marker analysis, which are appropriate methods for the research question. The statistical analysis is thorough, though the consistency of findings with previous literature should be more robustly discussed. The manuscript would benefit from a deeper exploration of the potential reasons for discrepancies with other studies, particularly regarding IL-6 and TNF- α levels.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references cited are relevant and recent, providing a solid foundation for the study's context. However, consider including more recent studies post-2022 to ensure the manuscript reflects the latest research developments in malaria pathogenesis and inflammatory responses.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language is mostly clear and suitable for scholarly communication, but minor grammatical corrections and sentence restructuring are suggested for improved readability and precision. Ensure all terminologies are consistent throughout the manuscript.	
Optional/General comments		

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PART 2:

	Reviewer's comment	Author's comment <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>
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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