

Review Form 1.7

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_111270
Title of the Manuscript:	Molecular Epidemiology of Plasmodium falciparum Infections in Jos, Nigeria using Cross-Sectional PCR-based assays
Type of the Article	Original Research Article

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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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. Yes, Knowing the plasmodium species distribution may help the concerned body to take action accordingly. 2. Title: Yes 3. In the Abstract <ol style="list-style-type: none"> 1. Add some background information 2. Re-write the aim in sentence form 3. Incorporate study design in the methodology section and re-write it in sentence form 4. Sub-section & structures <ol style="list-style-type: none"> 1. Introduction <ul style="list-style-type: none"> ➤ Repetition of ideas is observed here (for example, <i>Plasmodium falciparum</i> is the most widespread and lethal in Africa [2,3]., Notably, <i>P. falciparum</i> is the deadliest malaria parasite, responsible for over 90% of global malaria-related deaths, highlighting its importance in malaria research and control [8]. etc). Hence, please revise the whole introduction section and re-write it. If possible, add sub-sections here. ➤ Do not define words like renal failure, anaemia. ➤ Add some information about diagnostic methods ➤ Add significance of the study as a sub-section here. <ul style="list-style-type: none"> ✓ What is the significance of your study ✓ You explained from literatures that <i>P. falciparum</i> is the most wide-spread in Africa, including Nigeria; So, how is your current study different (better) from the previous studies. 2. Please include Objective of the study between introduction and methodology or at the end of introduction part 3. Materials and Methods <ul style="list-style-type: none"> ➤ List the materials you used for your study as sub-section ➤ How did you calculate the sample size? Are the samples enough? Please justify. 4. Results and Discussion: <ul style="list-style-type: none"> ➤ Could you justify the inaccuracy of diagnostic methods (e.g. microscopic) with other literatures? ➤ It is better if the limitations of the study are written in a separate sub-section 5. Yes, the manuscript is scientifically correct. 6. References <ol style="list-style-type: none"> 1. Since it is an original article, references will be adequate; but consider the latest World Malaria Report 2022 <p>Additional comments</p> <p>Despite the authors explain it as a limitation of the study, Due to Antimalarial drug resistance and mosquitos resistance to insecticides, it would be better to conduct experiments and identify the genetic variety of <i>Plasmodium falciparum</i> species.</p>	

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Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	Yes	
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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