

## REVIEWER'S REPORT

Manuscript No.: IJAR-51715

Date: 19/5/2025

### Title:

**Malaria: Biology, Disease and Control-A Comprehensive Overview**

### Recommendation:

Accept as it is .....

Accept after minor revision.....

**Accept after major revision .....**

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality		Good		
Clarity		Good		
Significance		Good		

Reviewer Name: Dr. Sumathi

Date: 19/5/2025

### Reviewer's Comment for Publication.

*(To be published with the manuscript in the journal)*

*The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.*

Host pathogen interactions describe the complex relationship between an invading pathogen and its host. These interactions play a crucial role in understanding infectious diseases, their mechanisms and potential treatments.

### *Detailed Reviewer's Report*

- 1. The interaction between a pathogen and its host is referred to as host pathogen interaction.**
- 2. Pathogens adapt to changes by developing fresh methods of infection and host survival.**

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- 3. Malaria is a serious potentially fatal, disease caused by a parasite transmitted to humans through the bites of infected female mosquitoes. It is a major health problem in many tropical and subtropical regions.**
- 4. Plasmodium is a genus of parasitic protozoans that cause malaria in humans, mammals, reptiles and birds.**
- 5. RBCs stand for red blood cells, also known as erythrocytes. They are the most abundant type of cell in blood, responsible for carrying oxygen from the lungs to the body and returning carbon dioxide to the lungs for exhalation.**
- 6. RBCs are produced in the bone marrow and liver for about 120 days.**
- 7. Actually this research topics are medically very valued one . But have been focused only theoretical.**
- 8. There is no tables with results. Flow charts of significant points can be added.**
- 9. Summary and conclusion must be included even theoretical review. Seems full paper very plain without any sub headings. Kindly make some corrections.**
- 10.      References should be in alphabetical order.**