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| Book Name: | [**An Overview of Disease and Health Research**](https://bookstore.bookpi.org/product/an-overview-of-disease-and-health-research-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5699** |
| Title of the Manuscript:  | **Influence of Homozygous Sickle Cell Disease on the outcome of P. falciparum Malaria infections in Indian patients** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **Interesting manuscript about the association of SCA and Malaria in endemic areas. The authors discussed the effect of coinheretence of genetic hemoglobinopathies on the outcome of malaria infection. The chapter also introduces a comparison between the clinical presentation and course of the disease between African and Indian patients and tries to find explanations for the differences between them.**  |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes** |  |
| 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. | **Yes** |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Yes** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **No** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes** |  |
| Optional/General comments | 1. There are some editing mistakes e g: line 12 in the second paragraph under the title “Falciparum infection worsens SCD” (patientsthan), line 5 under the title “ negative epistasis” (whichsickle) and line 7under the title “conclusion” ( availablefrom).
2. Line 6 in the introduction : “less malaria” the sentence needs clarification whether it means less parasites load, less disease manifestations, or less suceptibility to malaria infection.
3. “The heterozygous state (Hb AS) provides protection against falcip. Malaria” . A more detailed biological explanation of the relationship between them as well as between Hbs/ B thalassemia and fate of malaria would enhance the manuscript's scientific background.
4. Page 5:” Recent studies from India as well as Africa [25, 26] both references are published in 2019!!!
5. Generally, the references needs to be updated specially those discussing the general characteristics ( etiology, pathophysiology, subtypes, etc) of both SCD and Malaria diseases.
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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?**  |  |  |

**Reviewer details:**

**Rania S Abdel Aziz , Cairo University , Egypt**