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| Journal Name: | [**South Asian Journal of Parasitology**](https://journalsajp.com/index.php/SAJP) |
| Manuscript Number: | **Ms\_SAJP\_133162** |
| Title of the Manuscript: | **Burden of Soil-transmitted Helminths and Anthelmintic Resistance** |
| Type of the Article | **Review Article** |

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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.** | It is a comprehensive assessment of soil transmitted helminths (STHs) and the rising issue of anthelmintic resistance (AR). Focusing on the global burden of helminth infections and their socioeconomic impact, the article may contribute to the existing study by giving importance on epidemiological burden of STHs worldwide, Analyzing nematode resistance mechanisms and their implications, suggestions for alternative anthelmintic methods, such phytotherapy.  This manuscript is pertinent to researchers, epidemiologists, and public health professionals who are working in infectious diseases, parasitology, and global health. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title is relevant and reflects the insight of the article. |  |
| **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 has covered sufficient overview. However, there are some points that might be improved. Background could be more structured in brief, why STHs and resistance are a critical issue.  Moreover, objective of the review should be mentioned clearly. In addition, the conclusion should be more specific highlighting the main recommendation and solution.  My Suggestions: reword the final sentence for emphasising the urgency of alternative therapies, providing with specific example. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript is scientifically correct, however, after scrutinizing I found a few issue that should be addressed. There are some sections that contain redundant information particularly introduction and burden sections.  Epidemiological statistics should be clarified; for instances, the numbers for global STH burden vary across studies, therefore proper citations should be consistently used. Moreover, anthelmintic resistance mechanisms could be explained in a more structured way, for example, including a table or figure summarizing resistance pathways. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | There are good numbers of references from peer-reviewed sources. Some references are not current, if update the references on anthelmintic resistance those are before 2015, it would have more strength. In addition, recent WHO guidelines on helminth control may be added. |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | The language is standard and clear for the learned societies. Hoevere, some sections are overly technical and repetitive. In addition, some sections do not have proper transition between paragraphs.  My suggestion: reducing the redundancy in discussion about the economic burden of STHs, use simpler and direct sentences if possible. |  |
| **Optional/General** comments |  |  |

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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:**

**Md Shahadat Hossain, California Northstate University, United States of America**