

SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Asian Journal of Research in Zoology
Manuscript Number:	AJRIZ/147702
Title of the Manuscript:	Bidirectional influence of Helminths on Carcinogenesis in Humans: An Overview
Type of Article :	Review Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>While the literature search strategy states inclusion and exclusion criteria and a thorough review was conducted, crucial details necessary for replicating the systematic approach are missing:</p> <ol style="list-style-type: none"> 1. Database Specification: The search utilized a "structured search of biomedical databases", but the identity of these specific databases (e.g., PubMed, Google Scholar, Web of Science etc.) is not provided. 2. Search Term Documentation: The article lists keywords, but the exact search strings used in the database searches are not detailed, limiting the ability of readers to assess the comprehensiveness of the literature retrieval. 3. Time Constraints: The review should define the specific start and end dates of the literature search window to ensure transparency regarding the timeliness and cut-off point of the compiled data. 4. The current organization does not fully integrate the "bidirectional influence" promised by the title, particularly regarding the anti-cancer data: The section on "Inhibitory Effects on Tumorigenesis" should be moved earlier or structured in parallel with the carcinogenic mechanism sections. Presenting the opposing roles sequentially downplays the duality and makes the article feel top-heavy with carcinogenicity data. 5. The figures (Fig. 1, Fig. 2, Fig. 3) and tables (Table 1) are essential explanatory components of the text, summarizing IARC classifications, chronic inflammation pathways, and immune modulation. They must be incorporated directly into the body of the article immediately following their first citation, rather than being relegated to an Appendix. 	<ol style="list-style-type: none"> 1. We appreciate the reviewer's observation regarding the specification of the biomedical databases. However, we would like to clarify that the details of molecular pathways and mechanisms related to helminths linked eliciting and inhibiting effects under the literature search strategy as well as the consulted research articles are clearly described within the dedicated Literature Search Strategy section of the manuscript. 2. The manuscript already includes the specific keywords and the overall search strategy used for literature retrieval in the <i>Literature Search Strategy</i> section. Because the complete search strings can vary across databases and may be excessively lengthy so that, we provided the essential components, keywords, and inclusion criteria to ensure clarity and reproducibility in text. 3. We appreciate the reviewer's suggestion regarding the inclusion of specific start and end dates for the literature search window. We would like to clarify that the timeframe of the literature search is now incorporated in the <i>Literature Search Strategy</i> section of the manuscript (From July 2024 to June 2025). 4. The current organization of sections related to the bidirectional influence where the carcinogenic mechanisms are presented prior to the inhibitory effects on tumorigenesis. It was chosen deliberately to preserve a logical progression from established mechanistic pathways to emerging counter-evidence. This sequencing enables readers to clearly understand the foundational mechanisms before evaluating the contrasting anti-cancer findings. While we appreciate the suggestion to reorder or present these sections in parallel, we believe the existing structure effectively conveys the dual nature of the topic. Therefore, we respectfully retain the current organizational framework. 5. We thank the reviewer for highlighting the importance of Figures 1–3 and Table 1 in supporting the narrative of the manuscript. We agree that these visual elements are essential explanatory components. Now, these figures and tables are incorporated in the main text of the revised manuscript.