

Review Form 1.7

Journal Name:	South Asian Journal of Parasitology
Manuscript Number:	Ms_SAJP_107661
Title of the Manuscript:	ARTIFICIAL INTELLIGENCE (AI) AND MACHINE LEARNING (ML) IN PARASITOLOGICAL LABORATORY
Type of the Article	REVIEW 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><u>Compulsory</u> 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- Is the manuscript important for the scientific community? (Please write a few sentences on this manuscript) This manuscript presents a compelling and timely exploration of the integration of AI and ML into the field of parasitology, which is highly relevant and significant in today's scientific landscape. The discussion on how these technologies can improve diagnostic accuracy, accelerate drug discovery, enhance epidemiological surveillance, and contribute to our understanding of parasite-host interactions underscores the manuscript's importance. The manuscript has the potential to be a valuable resource for researchers, clinicians, and policymakers in the field of parasitology and beyond. 2- Is the title of the article suitable? (If not, please suggest an alternative title) The current title, "Artificial Intelligence (AI) and Machine Learning (ML) in Parasitological Laboratory," effectively conveys the primary focus of the manuscript. No suggested alternative title at this time. 3- Is the abstract of the article comprehensive? The abstract provides a succinct and informative overview of the manuscript's content, summarizing key points about the impact of AI and ML on parasitology. It effectively highlights the significance of these technologies in diagnosing, treating, and understanding parasitic infections. No specific revisions are needed for the abstract. 4- Are subsections and the structure of the manuscript appropriate? The manuscript's structure is generally well-organized, with clear subsections that facilitate readability. However, consider adding a subsection or introductory paragraph that outlines the paper's structure, briefly summarizing what readers can expect from each section. 5- Do you think the manuscript is scientifically correct? The manuscript appears scientifically sound, presenting a well-researched and evidence-based discussion of the role of AI and ML in parasitology. 6- Are the references sufficient and recent? If you have suggestions for additional references, please mention them in the review form. The references provided are relevant and support the manuscript's content. Consider including a few more recent references, especially in the sections discussing AI applications in parasitology and drug discovery, to reflect the rapidly evolving nature of these fields. 	
<p><u>Minor</u> REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>The overall language and English quality of the article are generally good and suitable for scholarly communication</p>	
<p><u>Optional/General</u> comments</p>	<p>---</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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