

Review Form 1.7

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_110270
Title of the Manuscript:	Metronidazole induces metazoan death of Giardia by the help of Pyruvate
Type of the Article	Original Research Article

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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. The authors have shown the effects of pyruvate in <i>Giardia</i> trophozoites exposed to metronidazole treatment. The study looks interesting and might have benefits in the scientific community.</p> <p>2. Yes. Alternative title: "Pyruvate aids in the metazoan death of Giardia by metronidazole"</p> <p>3. Yes</p> <p>4. No</p> <p>5. Yes</p> <p>6. No. some recent references should be cited.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Major issues in English grammar. Please check thoroughly or get it checked by native English speaker.</p>	
<p>Optional/General comments</p>	<p>1. Some references cited are a little old. Recent references must be added post-2019 to make the paper relevant and updated.</p> <p>2. Avoid abbreviations in the abstract.</p> <p>3. In section 3.1 chemicals- mention all the chemicals that authors have used during the study.</p> <p>4. "The pyruvate concentration was determined according to a standard curve established between 0 and 0.5 mM pyruvate" This statement given by the authors is confusing. Try to explain the rationale behind the dose of pyruvate.</p> <p>5. In Figure 2. Mention statistical significance values and post hoc tests that they have applied</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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