

Review Form 1.7

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_97112
Title of the Manuscript:	BETWEEN HOST MODEL FOR CERVICAL CANCER INCORPORATING DIAGNOSIS
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalarjom.com/index.php/ARJOM/editorial-policy>)

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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Yes. It is scientifically robust and technically sound.</p> <p>2. Yes.</p> <p>3. Yes</p> <p>4. Yes</p> <p>5. Yes. It is scientifically robust.</p> <p>6. I suggest adding more references on mathematical modelling of infectious disease is important for the quality of the paper. So please add one Paragraph explaining the mathematical modelling in infectious disease modelling on Covid-19, Human Papillomavirus, measles and other disease. I suggest the following recent papers to be added and some others:</p> <p>1. Berhe, H.W., Al-arydah, M. Computational modeling of human papillomavirus with impulsive vaccination. <i>Nonlinear Dyn</i> 103, 925–946 (2021). https://doi.org/10.1007/s11071-020-06123-2</p> <p>2. A. A. Gebremeskel, H. W. Berhe, and A. T. Abay, "A Mathematical Modelling and Analysis of COVID-19 Transmission Dynamics with Optimal Control Strategy," <i>Computational and Computational Methods in Medicine</i>, 2022(2022) Article ID 8636530.</p> <p>3. Berhe HW, Makinde OD. Computational modelling and optimal control of measles epidemic in human population. <i>Biosystems</i> 190(2020) 104102.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes	
<p>Optional/General comments</p>		

PART 2:

	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>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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