

Review Form 1.7

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_119562
Title of the Manuscript:	HIV-HBV Co-infection Stochastic Differential Equation Model and Matlab Simulation Using Euler-Maruyama Numerical Scheme
Type of the Article	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> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none"> The manuscript titled 'HIV-HBV Co-infection Stochastic Differential Equation Model and Matlab Simulation Using Euler-Maruyama Numerical Scheme' addresses a significant gap in understanding the dynamics of HIV-HBV co-infection through a rigorous mathematical framework and computational simulations. It promises to provide valuable insights into the interplay between these two infections, potentially influencing future research directions and clinical strategies within the scientific community. Suggestion for alternative Title be "Modeling HIV-HBV Co-infection Dynamics: Stochastic Differential Equations and Matlab Simulation with Euler-Maruyama Numerical Method" Minimise the words for good to understanding. Yes. Appropriate. Yes. Need some explanations in solution discussion. Need to verify the reference and add more recent articles. Under review paper is referred. "The model variables and parameters are defined in table 1 and table 2. Refer to this formulation in my current paper under review (Mirgichan <i>et al.</i>, 2024)" How we will check the originality? Kindly justify. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>Grammer check is needed for whole article. Proper citations also needed (basic Part) in introduction</p>	
<p>Optional/General comments</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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