

Review Form 3

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_124589
Title of the Manuscript:	Mathematical Analysis of Hepatitis B Virus Transmission Dynamics in the Absence of Therapy with Atangana-Baleanu Fractional -Order SPQWXY Model
Type of the Article	

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Researchers shared their novel concepts and findings with a wider reader. Years of work were condensed into this document, facilitating effective data and findings transmission.	
Is the title of the article suitable? (If not please suggest an alternative title)	Mathematical Analysis of Hepatitis B Virus Transmission Dynamics Using the Atangana-Baleanu Fractional-Order SPQWXY Model in the Absence of Therapy"	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes, it is better to have the abstract revised by highlighting the contribution more clearly with the brief explanation about the geometry of the problem.	
Are subsections and structure of the manuscript appropriate?	The section/subsection need some revision. I suggest the following. 1. Write the introduction of fractional calculus in section 1. 2. The definition and basic properties must be in preliminary or basic definition section. 3. Model formulation must be in new section The author must follow the journal formats	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The method used for research is explained and appropriate for the issue they are attempting to solve, and the result is novel. It has offered enough information to back up its analysis and findings.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient, but most of them are not recent, and one reference is not cited (see between 20 and 21).	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Some minor grammatical and writing issues in the paper;	
Optional/General comments	Add commas and full stops at the end of equations where needed.	

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

Reviewer Details:

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