

Review Form 3

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_123344
Title of the Manuscript:	Morphological Factors And Forces Acting In Normal And Sickled Erythrocytes In Sickle Cell Anaemia: A Mathematical Model
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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Review Form 3

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.	The manuscript is very useful to give highlights or how to approach RBC problems in mathematical model. It gives hint for further investigators on this area.	
Is the title of the article suitable? (If not please suggest an alternative title)	It is suitable	
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.	No deletion is required, it is accepted as it is.	
Are subsections and structure of the manuscript appropriate?	I recommend that, there should be one subsection to discuss about the feasibility and stability of solutions.	
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.	Scientifically to be correct, the solution of the equation should be stable and feasible according to the objective of the study, but not yet discussed about it. It needs also more theoretical interpretation or analysis of the result.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	There are many recent references included. But, some references (Reference #3 and #4 have no published year) and some are not consistently listed (published years in some references come after authors name, others come at the end) it should be consistent and follow the journals guideline.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	-I highlighted and commented some words in the manuscript to be revised, see there. -Please revise equations #5, #6, #7 and #8 as commented in equations #3 and #4 in the manuscript. -What σ and ϵ in equation #21 and Q in equation #22 refers to? Write their representation. -In the discussion of Figure 2, you said "the increase in chemical reaction increases geometry of the RBC..." but in the figure we observe that the increase in force affects in the same fashion on the deformity of RBC up to around $t=0.35$ to $t=0.4$ then after the result reversed. So, add more explanation on this issue.	
Optional/General comments		

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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>	

Reviewer Details:

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