Journal Name:	Asian Journal of Pure and Applied Mathematics
Manuscript Number:	**Ms_AJPAM_1760**
Title of the Manuscript:	**NUMERICAL SOLUTIONS OF FRACTIONAL CHEMOTAXIS SYSTEM USING STOCHASTIC FRACTIONAL CHEMOTAXIS MODELS**
Type of the Article	

PART 1: Review Comments

Compulsory REVISION comments	**Reviewer's comment**	**Author's Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
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.	This research is significant because it introduces a stochastic fractional calculus framework that captures the complex, memory-dependent behaviors of cellular motility, which traditional deterministic models fail to represent. By incorporating fractional derivatives, the model accounts for anomalous diffusion and subdiffusion, reflecting the unpredictable, hybrid nature of cellular movement in biological systems. This approach provides a more realistic understanding of chemotaxis in living environments, potentially improving predictions in applications like cancer progression, wound healing, and immune response modeling.	
Is the title of the article suitable? **(If not please suggest an alternative title)**	**Yes**	
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**	
Are subsections and structure of the manuscript appropriate?	**Need improvement by giving numbering to sections.**	
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.	This manuscript demonstrates scientific robustness and technical soundness by adopting a well-founded stochastic fractional calculus framework to address limitations in traditional chemotaxis models. The use of fractional order derivatives enables the model to capture memory effects and anomalous diffusion, aligning with observed cellular behaviors in complex environments. Furthermore, by incorporating stochastic elements to represent cellular motility and environmental variability, the model more accurately mirrors real-world biological processes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. **-**	**Yes**	

Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**		
Optional/General comments		

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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	**Tahir Naseem**
Department, University & Country	**Government Degree College, Pakistan**