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| Book Name: | [**Mathematics and Computer Science: Research Updates**](https://www.bookpi.org/bookstore/product/mathematics-and-computer-science-research-updates-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4482** |
| Title of the Manuscript: | **Analytical and Numerical Boundedness of a Model with Memory Effects for the Spreading of Rabies** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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. A minimumof 3-4 sentences may be required for this part.** | **I find manuscript to be of paramount importance to the scientific community, as the aspect it deals with is very relevant to the alternative algorithm approach to fractional derivatives. This will be of great help in extending the work on fractional derivatives.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Analytical and Numerical Boundedness of a Model with Memory Effects for the Spreading of Infectious Diseases : Cas Study of Rabies. |  |
| 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, the abstract of this article is comprehensive.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | Since rabies is an infectious disease that affects the whole world, I would like the authors to use real data (special cases) from this disease to perorm parameter estimation to calibrate their model. I would also like them to justify their model. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **No, the references is no sufficient.**  I would like the authors to talk about the benefits of fractional derivative applied to other infectious diseases with reference to :  <https://doi.org/10.1016/j.padiff.2023.100589>,  <https://doi.org/10.3390/axioms11080363>,  <https://doi.org/10.1142/S179352452450102X>,  <https://doi.org/10.1007/s12190-024-02357-0>,  <https://doi.org/10.1088/1402-4896/ad8490>, |  |
| Is the language/English quality of the article suitable for scholarly communications? | **The language/English quality of this article is suitable for scholarly communications** |  |
| Optional/Generalcomments |  |  |

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| **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)* |  |

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| **Reviewer Details:** | |
| Name: | **Fandio Rubin** |
| Department, University & Country | **University of Yaounde 1, Cameroon** |