

Review Form 1.6

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_84699
Title of the Manuscript:	POLYOMAVIRUS LOCALIZED WITH DEEP LEARNING METHODS
Type of the Article	Original Research Article

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

(<https://www.journaljamb.com/index.php/JAMB/editorial-policy>)

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)
Compulsory REVISION comments	<p>Abstract: An abstract is so fuzzy to imbibe. Not clearly mentioned anything about CNN.</p> <p>Introduction: An introduction is short and does not provide information about CNN. It needs to be mentioned how to use CNN for image segmentation</p> <p>Result and Discussion: Need to know how used CNN method for image dataset extraction. There are no datasets provided, only the result shown in this section. It is not comfortable to comprehend the result straightforward.</p> <p>Conclusion: The conclusion is also not up to point.</p>	<p>Abstract was rephrased to state clearly what are the goals of this work, the means employed, and the results attained.</p> <p>Introduction - The problem as we state it is described and a parallel to a well-known image processing technique – supervised classification – is used to explain the performance of the deep-learning algorithm. The algorithm is public domain (URL for the GitHub in the references) and details were not made public by the author.</p> <p>Results and discussion – The dataset (as explained in the text) is part of a private collection of TEM micrographs used for diagnostic and monitoring purposes of human infection by polyomavirus. The stages required for the use of this method are detailed – image annotation, train and validation, and the resulting weights required to process any other similar image.</p> <p>Conclusions – were revised and completed.</p>
Minor REVISION comments	Need rephrasing	Revised.
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)	I appreciate your comments and your time.