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| Book Name: | [**New Horizons of Science, Technology and Culture**](https://bookstore.bookpi.org/product/new-horizons-of-science-technology-and-culture-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5805** |
| Title of the Manuscript:  | **A Deep Learning System for Detecting Severe Lung Diseases: Tuberculosis, pneumonia, and COVID-19 Through Digital Chest X-rays** |
| 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 minimum of 3-4 sentences may be required for this part.** | **Diagnosios of pneumonia is not always straight forward particularly when it is associated with complications like effusions and pneumothorax and mediastinal tumors. Clinical and laboratory and radiological findings should be considered in combination. Otherwise, diagnostic accuracy, both specificity and sensitivity, will be reduced and leading to improper diagnosis and management.**  |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **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. | **To be more omprehensive immunological, biochemical and hematological findings should be mentioned together, if available.**  |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Correct** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Sufficient** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Suitable |  |
| Optional/General comments | Laboratory invrstigation results should be described and discussed for the better accuracy of the method proposed.  |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail* |  |

**Reviewer details:**

**Ne Win , Myanmar**