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| Book Name: | [Pharmaceutical Science: New Insights and Developments](https://www.bookpi.org/bookstore/product/pharmaceutical-science-new-insights-and-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4496** |
| Title of the Manuscript:  | **Strategies for Studying Antiviral Activity of Natural Products: From Screening to Mechanism Elucidation** |
| 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.** | The scientific community needs this manuscript because it provides a clear, methodical strategy to researching natural compounds' antiviral activity, from preliminary screening to comprehending their mechanisms of action. Natural substances present viable substitutes for manufactured antiviral medications, which are becoming less effective. The information offered may greatly speed up the development of novel antiviral drugs, providing possible remedies for new viral dangers. Eventually, this research will help scientists create antiviral medications that are more potent and long-lasting. |  |
| **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. | The abstract gives a concise summary of the approaches taken, ranging from conventional screening to sophisticated bioinformatics, and successfully emphasizes the significance of natural products in antiviral research. It engages a wide range of scientists by effectively communicating the manuscript's significance and possible impact. |  |
| **Is the manuscript scientifically, correct? Please write here.**  | The work seems to be scientifically sound because it appropriately addresses both novel and tried-and-true techniques for examining antiviral activity in natural materials, which is in line with modern drug development research procedures. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | I think provided references are sufficient and recent, that’s good enough. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments |  |  |

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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: | **Rakesh Paul** |
| Department, University & Country | **Washington University of Science and Technology, USA** |