

[Review Form2](#)

Book Name:	Medicine and Medical Research: New Perspectives
Manuscript Number:	Ms_BPR_2779
Title of the Manuscript:	SARS-CoV-2 (COVID-19) Variants and COVID-19 Vaccine Efficacy
Type of the Article	Book Chapter

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.	<ol style="list-style-type: none"> 1. The study evaluates the efficacy of current COVID-19 vaccines against key SARS-CoV-2 variants of concern like B.1.351 and B.1.1.7. 2. It highlights the early success of vaccines in reducing transmission and symptomatic disease following the UK's vaccination rollout. 3. The study underscores the need for adapting vaccines to tackle emerging divergent SARS-CoV-2 variants, similar to flu vaccines. 4. It identifies potential adverse events linked to vaccines, helping to balance efficacy and safety in their use. 	
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?	Yes	
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.	<p>The study emphasizes the challenge of determining when and how to deploy updated COVID-19 vaccines in response to evolving variants.</p> <p>The manuscript provides detailed analysis of COVID-19 vaccine performance against specific variants of concern (B.1.1.7, B.1.351), using real-world data to substantiate its claims.</p> <p>The study effectively outlines the technology behind different vaccines (e.g., spike protein expression), showing a strong understanding of the mechanisms that drive vaccine efficacy.</p> <p>It incorporates a scientific discussion on both the efficacy and adverse events associated with vaccines, ensuring a holistic perspective on vaccine deployment and safety.</p>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	Discussion need to compare with many studies. PRISMA Flow chart for the article selection may be mentioned.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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