

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_77009
Title of the Manuscript:	COVID-19 Vaccines and Cytokines in Human Immunity
Type of the 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:

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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)
<p>Compulsory REVISION comments</p>	<p>On the paragraph: Background: Despite the efforts carried out to discover corona virus disease-2019 (COVID-19) vaccines, it has been found that the vaccines do not build any immunity and long-term protection from infection and protection against COVID-19.</p> <p>I felt a lack of reference and studies.</p> <p>The word “ANY” seems too strong, is it possible that the immunity decreases in general but for some individuals it may be sustained. COVID-19 vaccines long-term effectiveness evaluation is still ongoing.</p> <p>Objective: It is vital to educate the scientific community and the general public on the importance of cytokines and how the current COVID-19 vaccines could help trigger some dormant cytokines to help build and bolster both the adaptive and innate immune system molecularly even without recognition.</p> <p>Is there updated studies about the theme? Latest mention was in 2007.</p> <p>Current and previous COVID-19 vaccines. Please rewrite as “Previous pandemic vaccines and current COVID-19 vaccines”.</p> <p>The current COVID-19 vaccines be with Pfizer AstraZeneca, Moderna, Sputnik V, Oxford vaccine and Johnson and Johnson vaccines. Please rewrite – AstraZeneca/Oxford.</p> <p>Summary: When taking the vaccines, the population should take note that the vaccine vial or seal is not already broken, the vaccine does not change to any colour or does not develop colours while in the vial, vaccines should be opened in the face of the receiver, syringe on the vial is new and opened in the face of the receiver, vaccine is taken from the cold chain storage box, one should not take vaccines that are already on the table or desk of vaccine givers be it nurses, doctors or any licensed staff in charge.</p> <p>Please consider that Pfizer and AstaZeneca vaccines are multidose. The check list before the application in the population must be done by a health care professional (HCP) that will evaluate aspect, integrity of the vial based on vaccine leaflet instructions and each vaccine has proper thermostability out of storage conditions that is manage by the HCPs.</p> <p>Conclusion: Where is the connection between the discussed vaccines (Pfizer, Moderna and J&J) and the incorporation of cytokines as molecular adjuvants for vaccines?</p>	
<p>Minor REVISION comments</p>		

Comment [LTP1]: There are no previous COVID-19 vaccines.

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Optional/General comments	My suggestion to the author is an in-depth review of vaccines adjuvants in general and cytokines specifically before suggestion than as a solution for COVID-19 vaccines.	
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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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