

## Review Form 1.6

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_77336
Title of the Manuscript:	MODERN ECONOMIC REALITIES, CORONAVIRUS, VACCINATION: INTERRELATION AND CHALLENGES TO THE FUTURE
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**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Compulsory</b> REVISION comments	<p>The manuscript evaluates several aspects of covid-19 infection and vaccination. However, the reference list should be updated in the light of recent new information, in particular, relating to the (low) role of asymptomatics in the transmission of the infection and the adverse effects which, even if present at a low frequency, should not be ignored.</p> <p>Swan, D.A., Bracis, C., Janes, H. et al. "Vaccine, do not significantly reduce the asymptomatic transmission COVID-19 vaccines that reduce symptoms but do not block infection need higher coverage and faster rollout to achieve population impact". Sci Rep 11, 15531 (2021). <a href="https://doi.org/10.1038/s41598-021-94719-y">https://doi.org/10.1038/s41598-021-94719-y</a></p> <p>Bleier BS, Ramanathan Jr M, Lane AP. "COVID-19 Vaccines May Not Prevent Nasal SARS-CoV-2 Infection and Asymptomatic Transmission". Otolaryngol Head Neck Surg. 2021 Feb;164(2):305-307. doi: 10.1177/0194599820982633</p> <p>Witberg G, Barda N, Hoss S, et al. "Myocarditis after Covid-19 Vaccination in a Large Health Care Organization". N Engl J Med. 2021 Oct; NEJMoa2110737. doi: 10.1056/NEJMoa2110737.</p> <p>Godlee F, Editor in chief BMJ. Covid 19: A strong pandemic response relies on good data. file:///C:/Users/lapin/Downloads/bmj.n2668.full.pdf</p>	
<b>Minor</b> REVISION comments	<p>1 ) In the modern period, evidence that COVID-19 [vaccine??] reduces asymptomatic..</p> <p>2) Actually, I do not understand the role of the performance of supercomputers.</p> <p>3) The efficacy of new mRNA vaccines has been shown to drop down after a few months especially against variants of concern and frequently breakthrough infections are reported. Arora P, Rocha C, Kempf A, et al. "The spike protein of SARS-CoV-2 variant A.30 is heavily mutated and evades vaccine-induced antibodies with high efficiency". Cellular &amp; Molecular Immunology; <a href="https://doi.org/10.1038/s41423-021-00779-5">https://doi.org/10.1038/s41423-021-00779-5</a></p> <p>Brown CM, Vostok J, Johnson H, et al. "Outbreak of SARS-CoV-2 Infections, Including COVID-19 <b>Vaccine Breakthrough</b> Infections, Associated with Large Public Gatherings - Barnstable County, Massachusetts, July 2021". MMWR Morb Mortal Wkly Rep. 2021 Aug 6;70(31):1059-1062. doi: 10.15585/mmwr.mm7031e2. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8367314/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8367314/</a></p> <p>4) Conclusion: I think vaccination, even if important in reducing the risk of hospitalization and mortality, should be associated with Early multidrug pharmacological treatment, in particular for patients with Mild to Moderate COVID-19 infection</p>	
<b>Optional/General</b> comments	<p>The manuscript provides a wide description of the consequences of COVID-19 infection by analyzing its repercussions on the social and psychological level.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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