



## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Virology*

**Manuscript NO:** 100338

**Title:** Serological surveillance for SARS-CoV-2 antibodies among students, faculty and staff within a large university system during the pandemic

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05480683

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Academic Fellow, Academic Research, Adjunct Professor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** Brazil

**Manuscript submission date:** 2024-08-20

**Reviewer chosen by:** AI Editor

**Reviewer accepted review:** 2024-08-20 21:19

**Reviewer performed review:** 2024-08-21 20:08

**Review time:** 22 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Novelty of this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
<b>Creativity or innovation of this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

Title: Title: Serological surveillance for SARS-CoV-2 antibodies among students, faculty and staff within a large university system during pandemic journal: World Journal of Virology Manuscript NO: 100338 COMMENTS After reding this interesting work and considering the relevance of the topic ocvered and the quality of the research conducted, I consider this manuscript suitable for publication in World Journal of Virology. In this study, Dr. Pinheiro and colleagues assessed the immunological response to SARS-CoV-2 in healthy individuals, particularly members of the student body, faculty and administrative staff at a university in Rio de Janeiro, Brazil. Data were gathered through rapid tests that detected IgM and IgG immunoglobulins against SARS-CoV-2, utilizing blood samples from the fingertip pulp. Main data underline the presence of a correlation between the expression of IgMs or IgGs and individuals who had been in contact with a COVID-19-positive case, as well as those who had received the COVID-19 vaccine. I believe that this work is well written and organized; statistical analyses are well conducted. Please see below some minor observations for improving the work. 1. Concerning pre-existing respiratory conditions worsened by COVID-19 I suggest



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mentioning Asthma, Cystic fibrosis and mesothelioma 2. I understand that SARS-CoV-2 and COVID-19 are well known terms, but they should be mentioned with their complete name at first mention 3. I recommend including supporting references in the introduction. These supporting references on SARS-CoV-2 should be included in the introduction. PMID: 37110471, PMID: 38575101, PMID: 34578269 and PMID: 38496628 4. Introduction, the following reference PMID: 35744711 which reports numerous details on the generation of anti-SARS-CoV-2 IgM and IgG antibodies should be included as a support f the statements within lines 81-86 5. Details on the study population should be included in the methods. Those include sample size, gender ratio, median ages and, if possible, inclusion and exclusion criteria. 6. Section 2.2 the manufacturer of the immunoassay should be mentioned. Supporting references on the immunoassay should be included. 7. Lines 124 and 128, image should be “replaced” with “figure”. Additionally, these two figures should be combined into a single figure. 8. The subhead title of section 2.3 should be replaced with “statistical analysis”. Please also include supporting references in this section. 9. Please include the study aim and main findings in few sentences at the beginning of the discussion. This would improve the readability of the discussion 10. The lack of molecular characterization of clinical samples from the individuals enrolled in this study is an additional limitation of this investigation. Please include this limitation in the discussion section



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**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Iraq

**Author's Country/Territory:** Brazil

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**Reviewer performed review:** 2024-09-10 08:16

**Review time:** 20 Days and 7 Hours

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Novelty of this manuscript</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
<b>Creativity or innovation of this manuscript</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

Dear Authors Warm greetings! This mail is from Haider Mohammed Majeed, .Hope it finds you well. How are you? I am sure you are busy with many activities right now.Thank you very much for your nice job. The manuscript was reviewed, and more significance comments was written, and these should be done by the authors. Sincerely.