

**Review Form 3**

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_124815
Title of the Manuscript:	<b>In Silico Screening of Monkeypox Virus Drug Targets: Comparative Analysis of Natural Products and Repurposed Antivirals</b>
Type of the Article	

## Review Form 3

### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	Mpox is currently a global health concern. Smallpox vaccines is been used against Mpox outbreak. However, knowledge of Mpox proteins interaction is vital and necessary for the vaccine production.	
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, it is comprehensive.	
Are subsections and structure of the manuscript appropriate?	Yes, correction had been made within the manuscript for the subsection adjustment.	
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.	The authors are consistent in their writings. All keywords are well defined within the manuscript. This contributes to the knowledge of natural products and repurposed antivirals.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are appropriate and sufficient. However, additional references are listed in general comment below.	
<b>Minor</b> REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
<b>Optional/General</b> comments	<ol style="list-style-type: none"> <li>1. Skvara P, Chalupska D, Klima M, Kozic J, Silhan J, Boura E. Structural basis for RNA-cap recognition and methylation by the mpox methyltransferase VP39. <i>Antiviral Res.</i> 2023 Aug;216:105663. doi: 10.1016/j.antiviral.2023.105663. Epub 2023 Jul 7. PMID: 37421984.</li> <li>2. Silhan J, Klima M, Otava T, Skvara P, Chalupska D, Chalupsky K, Kozic J, Nencka R, Boura E. Discovery and structural characterization of monkeypox virus methyltransferase VP39 inhibitors reveal similarities to SARS-CoV-2 nsp14 methyltransferase. <i>Nat Commun.</i> 2023 Apr 20;14(1):2259. doi: 10.1038/s41467-023-38019-1. PMID: 37080993; PMCID: PMC10116469.</li> <li>3. Alice Decombe, Priscila El Kazzi, Etienne Decroly. Interplay of RNA 2'-O-methylations with viral replication. 2023. <a href="https://doi.org/10.1016/j.coviro.2023.101302">https://doi.org/10.1016/j.coviro.2023.101302</a></li> </ol>	

**Review Form 3**

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<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:**

Name:	<b>Temitope Emmanuel Arotolu</b>
Department, University & Country	<b>College of Wildlife Resources and Protected Areas, Northeast Forestry University, Nigeria</b>