

Review Form 3

Journal Name:	Asian Journal of Research in Infectious Diseases
Manuscript Number:	Ms_AJRID_126637
Title of the Manuscript:	Lassa fever Epidemiology, Ribavirin pharmacology and Mechanisms against Arenaviruses and for Novel Application in the future
Type of the Article	Review Article

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PART 1: Review Comments

Compulsory 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>
<p>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.</p>	<p>Lassa fever is an acute viral haemorrhagic illness caused by the zoonotic Lassa virus, a member of the arena virus family. This review explores the epidemiology of Lassa fever, the pharmacology of ribavirin—an antiviral with multiple mechanisms of action—and potential future applications.</p> <p>Major revision needed.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The present title is not suitable. The authors should consider the following title for the manuscript- "Lassa Fever Insights: Epidemiology, Ribavirin Mechanisms, and Innovative Arenavirus Solutions"</p>	
<p>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.</p>	<p>The present form of the abstract is structurally and linguistically average. The authors must rewrite the abstract using smart and scientific/clinical terms inside it.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Not satisfactory. Needs major revision.</p>	
<p>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>	<p>The authors must consider the following issues that have been compromising the standard. The manuscript can only be reconsidered for further steps upon the point-by-point revision:</p> <ol style="list-style-type: none"> The keywords should be improved. The authors are suggested to use keywords in this way- <i>Arenaviruses, Epidemiology, Lassa haemorrhagic fever, Infection mechanisms, Ribavirin pharmacology, novel antimicrobials.</i> The authors replace the references older than 2015 from the introduction part. Citing papers older than 10 years is a silly practice in scientific paper writing. The authors must follow the information described in the following literature for the introduction part and must cite this article – "Arefin A, Ismail Ema T, Islam T, et al. (2021), 35(6): 459-473. doi: 10.7555/JBR.35.20210111." In this paper, the authors described every points regarding Lassa virus infection and prevention very smartly. In introduction the authors referred four literature for a single statement like (4,5,6,7) which is another silly way of citing papers. The authors must ensure two and/or, three citations for some cases like 4,5/4-6, likewise. Introduction should contain three paragraphs. The first paragraphs should contain only introductory information as referred in the suggested literature above (Arefin et al, 2021). The second paragraph should describe the prevalent medicines used in this kind of viral treatment purposes. The final paragraph should contain the objectives of this study. In the "Epidemiology" part a figure should be included annotating the geographic distribution of Lassa virus throughout the world over different time interval, thus GIS is important there. Avoid using figure from online sources. Here replace Fig. 1 and 2 and prepare a new figure regarding the routes of Lassa virus infection. Use software like BioRender in drawing the pathway. No need to give points in the routes of transmission rather describe them into paragraph as the explanation of the new figure. In "Suspected cases" no need to use points like 1, 2, 3 etc. Just write in paragraph. 	

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	<p>8. Use BioRender Fig, 9, 10, 11 and 12 newly. The current way of presentation is very poor in quality. Its unacceptable.</p> <p>9. A group of natural flavonoids have been using against Lassa virus treatment bypassing medicine like ribavirin for the patients specially who are immune compromised to ribavirin and other antibiotics. The authors should add a new paragraph before conclusion named "Bacteriocins and natural flavonoids in using ribavirin sensitive patients" where the authors should systematically and rationally describe the efficiency of ribavirin as compared to different bacteriocins and flavonoids in treating not only Lassa virus, but also some viruses whose infection patter follows similar mechanisms/routes in human such as- HPV, HCV, SARS-COV-2, and even Ebola.</p> <p>In writing this point/paragraph, the authors should cite the following literature:</p> <p>a) https://doi.org/10.15302/J-FASE-2021397 (Dey D. et al., 2021) (For bacteriocins/antimicrobial parts)</p> <p>b) doi: 10.5455/javar.2021.h544 (Nipun TS, Ema TI, et al., 2021) (For flavonoids part against viral infection).</p> <p>c) https://doi.org/10.1007/s40203-023-00144-6 (Jabin, A, et al. 2023) (For flavonoids part against viral infection).</p> <p>The manuscript can only be consider for further steps only if the authors follow the given instructions point by point.</p> <p>Thank you</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Too many old references. References older than 2015 must be replaced with the established recent time articles specially which are published between 2017 and 2024.</p>	
<p><u>Minor REVISION</u> comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality is not satisfactory. Complex and passive sentences are needed paraphrasing each paragraph of the manuscript, therefore unnecessary/repeated information can be bypassed with smart structures.</p>	
<p><u>Optional/General</u> comments</p>	<p>Not applicable.</p>	

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

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