|  |  |
| --- | --- |
|  | |
| Book Name: | [**An Overview of Disease and Health Research**](https://bookstore.bookpi.org/product/an-overview-of-disease-and-health-research-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5511** |
| Title of the Manuscript: | **Emerging pandemic has the potential of causing cardiovascular diseases and psychological stress: Systematic Review** |
| Type of the Article | **Book Chapter** |

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This manuscript provides crucial insights into the underexplored link between pandemics, psychological stress, and cardiovascular disease. Through a systematic review of recent literature, it reveals how pandemic-induced stress can adversely affect cardiovascular function, potentially leading to severe health outcomes. The work is particularly valuable for healthcare professionals and public health authorities aiming to implement more comprehensive strategies during pandemics. It also emphasizes the importance of addressing both mental and physical health in future emergency response frameworks. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The current title is overly long and grammatically unclear. A more concise and appropriate alternative would be: “Impact of Emerging Pandemics on Cardiovascular Health and Psychological Stress: A Systematic Review.” This title is clearer, more academic, and accurately reflects the content of the manuscript. |  |
| 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. | The abstract provides a general overview of the study but lacks clarity and precision in several areas. It would benefit from clearer structuring, with distinct sections for the background, aim, methodology, key findings, and conclusion. Some sentences are vague or repetitive—for example, “Every epidemic that breaks out could cause confusion and fear” could be omitted or rephrased. Additionally, more specific findings or data from the review should be included to strengthen the abstract’s scientific value. Overall, a more concise and focused summary would improve its effectiveness. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript is generally scientifically correct and addresses a relevant research question through a systematic review approach. It effectively highlights the link between pandemics, psychological stress, and cardiovascular diseases using existing literature. However, there are issues that affect its scientific rigor, including inconsistencies in the methodology section (e.g., unrelated mention of menarche and hereditary patterns), some repetition in the discussion, and a lack of critical synthesis of results. The statistical data presented from various studies is valuable, but the interpretation could be more structured and analytical. Overall, the manuscript is sound but requires revisions to improve clarity, coherence, and scientific precision. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | The references cited in the manuscript are largely sufficient and include several recent and relevant studies. However, I recommend adding the following important and timely reference to enhance the discussion on the long-term impact of the COVID-19 pandemic on cardiovascular health behaviors and risk factors:  Laddu, D. R., Biggs, E., Kaar, J., Khadanga, S., Alman, R., & Arena, R. (2023). *The impact of the COVID-19 pandemic on cardiovascular health behaviors and risk factors: A new troubling normal that may be here to stay*. *Progress in Cardiovascular Diseases*, 76, 38–43. https://doi.org/10.1016/j.pcad.2022.11.017  This reference provides valuable insights that align with and support the manuscript’s focus. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The manuscript presents valuable content; however, the language and English expression require improvement to meet scholarly standards. There are several grammatical errors, inconsistent sentence structures, and instances of repetition that affect clarity and flow. Polishing the language through careful proofreading or professional editing will greatly enhance the manuscript’s readability and ensure it communicates the scientific content more effectively to an academic audience. |  |
| Optional/General comments | The manuscript covers an important and timely topic by examining the link between pandemics, psychological stress, and cardiovascular health. The inclusion of diverse global studies adds value, and the systematic review approach is appropriate. However, the manuscript would benefit from better organization, clearer language, and removal of unrelated content (e.g., references to menarche studies in the methodology section). With careful revision and language refinement, this work has strong potential to make a meaningful contribution to the field.  The manuscript is relevant and presents valuable insights, but it requires major revision in terms of structure, clarity, and language to meet scholarly standards. |  |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** |  |  |

**Reviewer details:**

**S. Satheesh, JKK Munirajah Institute of Health Sciences College of Pharmacy, India**