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| Book Name: | [Contemporary Research and Perspectives in Biological Science](https://www.bookpi.org/bookstore/product/contemporary-research-and-perspectives-in-biological-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4509** |
| Title of the Manuscript: | **Therapeutic Stimulation of Glycolytic ATP Production for Treating ROS-Mediated Cellular Senescence** |
| Type of the Article | **BOOK CHAPTER** |

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| 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.** | The manuscript is important to the scientific community as it discussed the idea of combining non-pharmacological and pharmacological stimulation of glycolytic adenosine triphosphate (ATP) production to be considered as a powerful strategic therapeutic approach to ensure the effective treatment of age-related diseases and prolongation of full-quality life. |  |
| **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. | The abstract is comprehensive but could be refined by adding the clinical evidence supporting the proposed therapeutic strategies. |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, the manuscript is scientifically correct but would benefit from more discussion on risks associated with the proposed interventions. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | The references are mostly recent and relevant, but additional citations of more recent references on clinical trials could enhance the manuscript. Example; “Therapy-induced senescence through the redox lens” (Elsevier). “The Potential of Mitochondrial Therapeutics in the Treatment of Oxidative Stress and Inflammation in Aging” (Springer Nature). |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, the English language is clear for scholarly communication. However, the grammatical errors should be improved (revised) to enhance the quality of the manuscript. |  |
| Optional/General comments | The manuscript is scientifically sound with some **minor revisions** to improve clarity and enhance the quality of the manuscript. |  |

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| **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** | |
| Name: | **Farida Jazuli Usman** |
| Department, University & Country | **Bayero University Kano, Nigeria** |