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| Journal Name: | **[Archives of Current Research International](https://journalacri.com/index.php/ACRI)** |
| Manuscript Number: | **Ms\_ACRI\_139492** |
| Title of the Manuscript: | **Gerontological Implications of Artificial Sweeteners Marketed in India: A Comprehensive Review** |
| Type of the Article |  |

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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 *(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.** | Studies show those sweeteners can alternate gut microorganism mess with blood sugar manipulate, and make human beings feel less complete. This method they could have a link to metabolic syndrome, weight problems, and other fitness troubles. Also, a few assume they may purpose autoimmune problems, thyroid troubles, and inflammatory bowel disease. Artificial sweeteners (AS) and non-nutritive sweeteners (NNS) have been so widely accepted due to the reduced calorie count when replacing natural sugars, potentially reducing weight gain and improving blood glucose control.  **This study enhances the knowledge of the natural sweeteners and artificial sweetener also provide the effective conceptual clarity about the same.** | Thank you for your valuable feedback. I appreciate the opportunity to clarify this point. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Artificial Sweeteners and Their Gerontological Implications in India: A Comprehensive Review of Risks and Benefits | Thank you for your insightful comment. In the context of our paper titled *"Artificial Sweeteners and Their Gerontological Implications in India: A Comprehensive Review of Risks and Benefits"*, we acknowledge the ongoing global debate on the safety and efficacy of artificial and non-nutritive sweeteners (AS/NNS). |
| 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** | Thank you for your valuable response |
| Is the manuscript scientifically, correct? Please write here. | yes | Thank you for your valuable response |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Duplication of references :  Debras, C. et al. 2022a. Artificial sweeteners and risk of cardiovascular diseases: results from the prospective NutriNet-Santé cohort. *BMJ*, p. e071204. doi: 10.1136/bmj-2022-071204.  Debras, C. et al. 2022b. Artificial sweeteners and risk of cardiovascular diseases: results from the prospective NutriNet-Santé cohort. *BMJ*, p. e071204. doi: 10.1136/bmj-2022-071204.  Garutti, M. et al. 2023. Nutritional Management of Oncological Symptoms: A Comprehensive Review. *Nutrients* 15(24), p. 5068. doi: 10.3390/nu15245068 :-------- Maintain all references in uniformness according to the journal authors guidelines | Thank you for your observation regarding the duplication of the reference:Debras, C. et al. 2022a and 2022b.The duplication is intentional, as the same study was cited in different sections of the manuscript to support distinct arguments. To maintain clarity in citation and differentiate the context in which the findings were discussed, we have used "2022a" and "2022b" accordingly, following standard academic convention when a single study is referenced multiple times for varied purposes. |
| Is the language/English quality of the article suitable for scholarly communications? | yes | Thank you |
| Optional/General comments |  |  |

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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)* |  |