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| Journal Name: | [**Asian Journal of Medical Principles and Clinical Practice**](https://journalajmpcp.com/index.php/AJMPCP) |
| Manuscript Number: | **Ms\_AJMPCP\_137311** |
| Title of the Manuscript: | **ENVIRONMENTAL CARCINOGENS AND THE FUTURE OF CANCER PREVENTION: LEVERAGING GENOMIC SURVEILLANCE AND ARTIFICIAL INTELLIGENCE IN PUBLIC HEALTH** |
| Type of the Article | **Review** |

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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.** | This manuscript addresses a critically important topic in public health and cancer prevention. By discussing the integration of genomic surveillance and artificial intelligence (AI), it opens new avenues for early detection and targeted interventions against environmental carcinogens. The paper bridges molecular science and AI-driven public health strategies, which is timely and relevant given the rise in environment-linked cancers. This could be valuable for policymakers, researchers, and AI developers in healthcare. | Noted |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title is suitable. It accurately reflects the content and scope of the manuscript. | Noted |
| 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 mostly comprehensive, but I recommend briefly mentioning the study’s methodology or approach if applicable | Noted and the correction was duly effected in the original manuscript |
| Is the manuscript scientifically, correct? Please write here. | Yes, the manuscript is scientifically sound. It effectively synthesizes existing literature on environmental carcinogens, genomic technologies, and AI applications. | Noted |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are largely recent and relevant. However, including a few more references from the last 2 years, particularly regarding real-world implementations of genomic surveillance or AI in cancer screening, would strengthen the paper. | Noted and corrections were duly effected in the original manuscript |
| Is the language/English quality of the article suitable for scholarly communications? | The English is mostly clear and appropriate for scholarly communication. A language edit is recommended for improved fluency, especially in the conclusion and discussion sections. | Noted and corrections were duly effected in the original manuscript |
| Optional/General comments | This is a promising manuscript with interdisciplinary relevance. The integration of technology in cancer prevention is well framed. Strengthening evidence with recent studies and improving the language flow will further enhance its impact. | Noted and the correction was duly effected in the original manuscript |

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| **PART 2:** | | |
|  | Reviewer’s comment | **Author’s Feedback** (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 detail)* | None |