

# Review of: "Developing the theory of Toxic Chemotherapeutic Nutrition for Cancer Cells: Glucosodiene Polymer Structure, Safety, Efficacy, and Human Outcomes in Targeting Tumors via Glucose Mutation"

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Potential competing interests: No potential competing interests to declare.

This research is quite intriguing! It seems like the "Glucose Mutation" theory proposes a unique approach to targeting cancer cells. Here are some questions and potential limitations to consider:

## Questions:

1. The title of the manuscript seems perfect but long and it is suitable to be replaced by new one.
2. Introduction should be written carefully with most updated information.
3. Abstract is very poorly written. It should be discussed according to major finding.  
The caption of figures should give a complete description of the figure, please consider it for all the figures in the manuscript.
4. Another major concern about Table and Figure sequences should be serial accordingly and cite in text.
5. How specific is the targeting of Glucosodiene towards cancer cells, and does it have any impact on normal cells?
6. The major mistakes are made by author, some words have written capital letters, scientific name should be written italic. please, change them throughout the manuscript.
7. The authors need to improve their language throughout and it is noted that there are lot of spelling mistakes in the paper. It should be corrected carefully before publication.
8. Reference should be updated. I suggested to remove the reference before 2005 and used the references from 2005-2023. Specially reference in introduction section should be up to date and most recent paper should be cited.

May be this reference used as update:

- <https://www.sciencedirect.com/science/article/pii/S0009279722003751>
- <https://www.sciencedirect.com/science/article/abs/pii/S0009279722004033>
- <https://www.sciencedirect.com/science/article/abs/pii/S2210803323001811>
- <https://pubmed.ncbi.nlm.nih.gov/37876433/>
- <https://pubmed.ncbi.nlm.nih.gov/37519687/>

1. Some citations are missing in the manuscript. Please provide proper citations to any of the tools/software used or

technique adopted.

2. The work requires the improvement of the quality of the figures and the addition of more illustrations for the molecular dynamics part.