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REVIEWER'S REPORT

Manuscript No.: 50062

Date: 27/1/2025

Title:

Molecular docking studies of flavonoids against driver markers in low-grade glioma: exploring novel therapeutic approaches

Recommendation:

- Accept as it is
- Accept after minor revision..... ✓
- Accept after major revision
- Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality		Good		
Clarity		Good		
Significance		Good		

Reviewer Name: Dr.Sumathi

Date: 27/1/2025

Reviewer's Comment for Publication.

(To be published with the manuscript in the journal)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

Molecular docking is a computational method that predicts how one molecule binds to other. It is a key tool n drug development and can also be used in nutraceutical research. Can be taken to next level to explore more informations regarding this project.

Detailed Reviewer's Report

- 1. A low grade glioma refers to a type of brain tumor that grows slowly and is considered less aggressive compared to high grade gliomas.**
- 2. It originates from the glial cells that support neurons in the brain and is classified as a relatively low risk cancer due to its slow growth rate often allowing for longer survival rates compared to more aggressive brain tumors.**

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- 3. Driver markers also known as highway location markers mile markers or distance marker posts, indicate a drivers location on a road. They help drivers navigate and can be especially useful in emergencies.**
- 4. IDHI can refer to a mountain a Buddhist term or an acronym for the institute for digital health and innovation.**
- 5. Flavonoids a group of natural substances with variable phenolic structures are found in fruits, vegetables, grains, bark, roots, stems, flowers, tea and wine.**
- 6. These natural products are well known for their beneficial effects are being made to isolate the ingredients so called flavonoids.**
- 7. Cancer therapy is a treatment that aims to destroy cancer cells in the body. The type of treatment a patient receives depends on the type and stage of their cancer.**
- 8. Novel therapeutic approaches are new treatments that are being studied in clinical trials and are not yet available to the public.**
- 9. These approaches can include new drugs, therapies or technologies.**
- 10. Informations are given useful and significant. But less review has been given.**
- 11. Tables are given neat and results has come well. Can be included graphs for tables.**
- 12. References should be in alphabetical order.**
- 13. Research findings are value to publish in your journal once done minor corrections.**