Review of: "Design and Molecular Screening of Various Compounds by Molecular Docking as BACE-1 Inhibitors"

Mumtaz Ali[1]

1 University of Malakand

Potential competing interests: No potential competing interests to declare.

This article has been prepared on molecular docking and simulation of various compounds. The paper may be accepted after incorporation of the following changes:

1. The authors have not identified a specific research gap in the introduction section, particularly in Alzheimer's disease/neurodegenerative disorders, and an explanation of various therapeutic interventions and progress made so far is needed for this current study.

2. The authors could not explain why the compounds predicted here would offer additional benefits compared to currently available options.

3. Docking validation is needed to be performed .

4. Molecular dynamics simulations are also needed to be carried out.

5. Structures need to be corrected.

6. References are not in uniform format and need revision.

7. Pharmacological activities of the compounds cited are missing and need to be cited.

8. There are multiple typographical mistakes in the entire manuscript and need to be revisited. 9. A specific class of compounds needs to be discussed.

Reply