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

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Potential competing interests: No potential competing interests to declare.

In the manuscript titled "Design and Molecular Screening of Various Compounds by Molecular Docking as BACE-1 Inhibitors," the authors explore molecular docking studies on compounds such as quercetin, myricetin, baicalein, and ferulic acid derivatives as potential BACE-1 protein inhibitors. While the findings are positive and interesting, the manuscript lacks originality and suffers from inadequate schematic representation of structures. Additionally, the rationale for the design of these chemical structures is not clearly mentioned; for example, exploring sugars with multiple hydroxyl groups could enhance the study of structure-activity relationships. The manuscript is also repetitive in terms of text in several places and lacks proper citations for presented facts. I would consider this manuscript for publication only after a major revision that addresses these issues.