

Review Form 3

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_126154
Title of the Manuscript:	Prediction of Lead Molecule esculetin of Tridax procumbens against zika virus envelope protein
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The concept of the manuscript is quite intriguing. According to current research, the ZIKA virus poses a significant global threat. As a result, we need to find an effective ligand against it.	
Is the title of the article suitable? (If not please suggest an alternative title)	Some words in the title begin with capital letters, while others begin with small letters. Please maintain a proper orientation.	
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.	No, the abstract of the article is not comprehensive. Author should include docking interaction and the result part in abstract.	
Are subsections and structure of the manuscript appropriate?	The authors should mention the 3D figure for both ligands. Herein author explain only one i.e., Esculetin.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This manuscript is not technically sound. Before going to any study, author should compare the docking score of ligands with the FDA approved drugs. After that author claim that the choice ligands are efficient against ZIKA virus.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	The references are not recent. Please add following relevant article as a reference: 1. "Inhibitory efficiency of quinazoline derivatives against SARS-CoV-2: virtual screening and molecular dynamics study" 2. "Repurposing of anti-lung cancer drugs as multi-target inhibitors of SARS-CoV-2 proteins: An insight from molecular docking and MD-simulation study" 3. "Inhibitory efficiency of potential drugs against SARS-CoV-2 by blocking human angiotensin converting enzyme-2: Virtual screening and molecular dynamics study"	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The manuscript is not well-written; many typos and grammatical errors were observed. The manuscript must be revised before published.	
Optional/General comments	<ol style="list-style-type: none"> 1. Author should be clarified which one is the best ligands according to their study in the conclusion part? 2. A justification must be added for the selection of this molecular target. 3. The introduction section must be updated according to the global situation. 4. Please italicize the term 'in silico' because it is not an English term. 	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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