

Review Form 1.7

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_103821
Title of the Manuscript:	In silico Molecular Docking study of Isatin and Acetophenone derivatives as Antimicrobial Agent
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalpri.com/index.php/JPRI/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>- This manuscript is of scientific interest as it aims to find new molecules against microbial diseases.</p> <p>-I propose as title "<i>In silico</i> Molecular Docking study of Isatin and Acetophenone derivatives as Antimicrobial Agent" there's an error on the in silico writing</p> <p>- Reference [1] is misquoted. it should read: "Aggarwal, S., Devgun, M., Narang, R., Lal, S., Rana, A., Goyal, R., Singh, L. and Sharma, S. 2021. MOLECULAR DOCKING STUDIES OF THIAZOLOPYRIMIDINE DERIVATIVES AS ANTIMICROBIAL AGENTS. Journal of Advanced Scientific Research. 12, 03 Suppl 2 (Oct. 2021), 285-291. DOI:https://doi.org/10.55218/JASR.s2202112333."</p> <p>- Add the references of the software used.</p> <p>- In the introduction, the general objective of the work was not mentioned. Please add it.</p> <p>- The docking scores correspond to a variable, energy, expressed here in kcal/mol. the unit of this variable must therefore be added to the tables.</p> <p>- In the materials and methods section, please add the 2D structure of the ligands used.</p> <p>- you presented 5 active sites of your protein without specifying which one you used. please specify which one you used as well as the site coordinates (X, Y, Z) and mesh size used for docking.</p> <p>- Add one or more perspectives to your conclusion.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Correct	
<p>Optional/General comments</p>	Well-written manuscript in general, the author should make the corrections requested to make the work more interesting to read.	

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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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