

Review Form 1.7

Journal Name:	Asian Journal of Biochemistry, Genetics and Molecular Biology
Manuscript Number:	Ms_AJBGMB_104130
Title of the Manuscript:	IN-SILICO INVESTIGATION OF POTENTIAL INHIBITORS OF 11- β -HYDROXYSTEROID DEHYDROGENASE
Type of the Article	Original Research 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.journalajbgmb.com/index.php/AJBGMB/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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. In this manuscript, the authors investigated in silico the antidiabetic potential of bioactive compounds found in Carica papaya. Compounds obtained from literature were used primarily for molecular docking simulations against the 11β-HSD1 receptor target and further screening for drug-likeness, ADMET properties, and bioactivity. The results showed that the compound Ibogamine had higher potency to exert an inhibitory function on 11β-HSD1 compared to the control and can be a potential drug candidate for the treatment of type 2 diabetes. Overall, this work is interesting and has relevance for scientific community.</p> <p>2. Yes</p> <p>3. Yes</p> <p>4. Yes</p> <p>5. Yes. Please see comments below.</p> <p>6. Add some recent references</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Language need to be revised</p>	
<p>Optional/General comments</p>	<p>1. Overall, the manuscript is well written and the discussions held were interesting.</p> <p>2. The chemical structures of the four most promising compounds could be added.</p> <p>3. The authors should correlate their findings with other studies concerning the hypoglycemic activity of ibogamine, especially (PMID: 29305175; 31137754).</p>	

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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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