

Review Form 1.7

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_110177
Title of the Manuscript:	Integrating in Silico and in Vitro approaches to screen the Antidiabetic Properties from Trachyspermum ammi leaves
Type of the Article	Original Research Article

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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. Is the manuscript important for scientific community? YES</p> <p>2. Is the title of the article suitable? YES</p> <p>3. Is the abstract of the article comprehensive? YES</p> <p>4. Are subsections and structure of the manuscript appropriate? YES</p> <p>5. Do you think the manuscript is scientifically correct? YES</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. Mirzaei, A. R., & Shakoory-Moghadam, V. (2022). Bioinformatics analysis and pharmacological effect of Stevia rebaudiana in the prevention of type-2 diabetes. <i>Cellular, Molecular and Biomedical Reports</i>, 2(2), 64-73.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1. Is language/English quality of the article suitable for scholarly communications? YES</p>	
<p>Optional/General comments</p>	<p>While I thank you for sending the article, please consider the following points to improve the quality of the article:</p> <p>1. The article has typographical errors</p> <p>2. Please mention in the introduction an example of medicinal plants that have led to resistance to diabetes through the suppression of α-amylase enzyme or other related mechanisms.</p> <p>3. Please mention the source of this sentence</p> <p>The presence of such associated hydrogen and hydrophobic bonds indicates a positive response to the inhibition of the α-amylase enzyme.</p> <p>4. The article does not have a discussion. Please compare the results obtained with other related research and mention your suggestions and conclusions according to the discussion</p>	

PART 2:

	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>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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