

Review Form 1.7

Journal Name:	Asian Journal of Biochemistry, Genetics and Molecular Biology
Manuscript Number:	Ms_AJBGMB_117493
Title of the Manuscript:	Biomolecular interactions of the phytoconstituents of Nigella sativa with anti-apoptotic proteins Mcl-1 and Bcl-x1.
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.journalajbmb.com/index.php/AJBGMB/editorial-policy>)

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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>	<ul style="list-style-type: none"> The manuscript addresses a significant topic by investigating the potential of phytoconstituents from <i>Nigella sativa</i> in targeting anti-apoptotic proteins Mcl-1 and Bcl-xL, which are important in cancer therapy. This research can contribute valuable insights to the scientific community studying cancer treatment strategies. The title adequately reflects the content of the manuscript. While the abstract provides an overview of the study, it could be enhanced by clearly stating the significance of the findings and potential implications for cancer therapy. The subsections and structure of the manuscript are well-organized and help in understanding the flow of information. The scientific content of the manuscript appears to be sound, supported by molecular docking simulations and ADMET screening, discussing the potential clinical implications of the findings in the abstract and discussion section would provide a broader context for the research. The references provided are sufficient and relevant to the topic. However, including a few more recent references could enhance the comprehensiveness of the literature review. While the discussion section provides a comprehensive analysis of the results, further interpretation and comparison with existing literature could strengthen the discussion. Including limitations and future research directions would also add value to the manuscript. 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The manuscript could benefit from a thorough proofreading to correct any grammatical errors and improve overall language clarity. This would enhance readability and comprehension for the readers.</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> Overall, the manuscript provides valuable insights into the potential anticancer properties of phytoconstituents from <i>Nigella sativa</i>. Addressing the minor revisions suggested would enhance the clarity and quality of the manuscript. 	

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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