

Review Form 2

Book Name:	Innovative Solutions: A Systematic Approach Towards Sustainable Future
Manuscript Number:	Ms_BPR_ 3724.7
Title of the Manuscript:	IN SILICO AND IN VITRO ANALYSIS OF ANTIMICROBIAL PROPERTIES OF BIOACTIVE COMPOUNDS EXTRACTED FROM Selenicereus undatus
Type of the Article	Book chapter

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 in silico analysis provides valuable insights into the molecular interactions, while the in vitro validation confirms the biological relevance of the findings. This combined approach can accelerate drug discovery efforts and address the growing challenge of antimicrobial resistance, making the research highly relevant and impactful.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes include brief information about the most potent compounds identified and their antimicrobial efficacy. Conclude with a statement on the potential impact of these findings on addressing antimicrobial resistance.	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	The manuscript appears scientifically robust and technically sound due to its comprehensive dual approach, integrating both in silico and in vitro analyses. The in silico methods, such as molecular docking and computational screening, provide valuable predictive insights into the potential antimicrobial activity of bioactive compounds from Selenicereus undatus. The subsequent in vitro validation strengthens the reliability of these predictions, confirming the bioactivity through empirical evidence.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Arrange references properly in a book chapter, you need to follow the referencing style specified by the publisher (e.g., APA, Vancouver, Chicago) & should be cited in a same sequence with proper citaion	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Proper grammar, punctuation, and sentence structure should be maintained throughout.	
Optional/General comments		

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

[Review Form 2](#)

Reviewer Details:

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