

Review Form2

Book Name:	Pharmaceutical Research: Recent Advances and Trends
Manuscript Number:	Ms_BPR_2562
Title of the Manuscript:	Peptidomimetics in Drug Discovery: Challenges, Strategies and Therapeutic Application
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.	Although the outline acknowledges the significance of peptidomimetics, it would be advantageous to more clearly highlight the current relevance of this subject. It is advisable to address current developments or developing obstacles that render this subject suitable for thorough examination. Emphasising the wider influence of peptidomimetics in the field of drug discovery, namely in connection to unaddressed medical need or the advancement of future pharmacological treatments, would enhance the importance of the study.The author has not specified the challenges encountered in the development of peptidomimetic drugs and the strategies employed in peptidomimetic design and computational approaches. The computational techniques employed in the design of peptidomimetics include molecular modelling and structure-based drug design is not mentioned.	
Is the title of the article suitable? (If not please suggest an alternative title)	Title is Peptidomimetics in Drug Discovery: Challenges, Strategies and Therapeutic Application. An in-depth analysis of the difficulties, approaches, and therapeutic uses of peptidomimetics in drug discovery is implied by the chapter's title. Nevertheless, the chapter fails to sufficiently cover the following crucial elements: Challenges:The paper does not undertake a thorough analysis of the difficulties linked to the creation of peptidomimetic drugs. It is imperative to address the particular challenges in domains such as design, synthesis, stability, and clinical implementation. Lack of a dedicated section on Strategiesfails to adequately delineate the methods employed to surmount the recognised obstacles. The chapter lacks a fully referenced or comprehensive coverage of the therapeutic uses of peptidomimetics.	
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.	Abstract is fine. The abstract offers a critical overview of the paper, if modification will be dine in paper improvements should be done to ensure that it is in complete alignment with the title and provides a comprehensive summary of the content. There is one spelling mistake in abstract This chatterfocuses...instead of chapter..	
Are subsections and structure of the manuscript appropriate?	No, it does not justify the title.	
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 present outline adequately covers the historical background, importance, -approaches, and uses of peptidomimetics. However, the gap in the literature is not clearly established. n order to strengthen the introduction, include a section that clearly outlines the gap in the existing research landscape. For example, you may focus on the lack of comprehensive study on peptidomimetics in certain therapeutic domains, such as the need for innovative computational tools to enhance design, the challenges related to large-scale synthesis, or the restricted clinical efficacy observed in certain therapeutic domains.	

Review Form2

Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	You used one citation for the categorisation of peptidomimetics, and an additional 2-3 citations were employed for both categories. If you must use a single sheet of paper for a single table, such as one that is adapted from another source, or else When integrating a table into your paper that has been adapted from multiple sources, it is imperative to explicitly cite all of those sources in the table caption.	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	There are a few grammatical and spelling errors, as I noted earlier.	
<u>Optional/General</u> comments	- In the introduction section one line is “They are used to treat disorders caused by inappropriate protein expression or protein-binding interactions (PPIs)[1]”. Here protein-protein interactions (PPIs) should be there (PPI) - In introduction section author has not mentioned Challenges and strategies in Peptidomimetic Drug Development	

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>	

Reviewer Details:

Name:	Pallee Shree
Department, University & Country	Lady Irwin College, University of Delhi, India