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Book Name:	Disease and Health: Research Developments
Manuscript Number:	Ms_BPR_4163
Title of the Manuscript:	Microbiome-Based Therapeutics: The Future of Chronic Disease Management
Type of the Article	Book Chapter

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	I found that while the manuscript offers a good introduction to the topic, it requires a more in-depth analysis and comprehensive examination to make a meaningful contribution to the field.	
Is the title of the article suitable? (If not please suggest an alternative title)	Suitable	
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.	It can be revised and reconstructed as per the content of the MS.	
Is the manuscript scientifically correct? Please write here.	Can be revised as per suggestion.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Needs major revisions	

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<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Poor</p>	
<p>Optional/General comments</p>	<p>After a thorough evaluation, I found that while the manuscript offers a good introduction to the topic, it requires a more in-depth analysis and comprehensive examination to make a meaningful contribution to the field. The discussion on the microbiome and its role in gut health, although well-introduced, lacks the depth and sophistication needed for a study in this extensively researched area. Therefore, I recommend the following revisions:</p> <ol style="list-style-type: none"> 1. Provide a more detailed review of the microbiome, focusing on its composition, diversity and functional dynamics. 2. Elaborate extensively on the mechanisms by which the microbiome influences gut health, emphasizing the roles of key metabolites and signaling pathways. 3. Include a detailed discussion of recent research findings and advancements, highlighting areas of consensus and ongoing debates in the field. 4. Incorporate specific examples and case studies to illustrate the complex interactions between the microbiome and gut health. 5. Enhance Tables 1, 2, and 3 by including relevant references to review articles and research papers on the microbiome, bacteriocins and engineered prebiotics, respectively, for reference and further study. 6. Update the conclusion section to address relevant issues, potential benefits, limitations, and challenges, ensuring a more conclusive and impactful ending to the manuscript. 7. Revise the references section comprehensively to align with the book guidelines. <p>Ensure a consistent format and rectify errors such as incomplete references (e.g., references 2, 42 and 80) and improperly abbreviated journal name in reference 72. In light of these deficiencies, the manuscript is returned to the authors for revisions as outlined above to enhance its clarity, validity and overall impact.</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>	

Reviewer Details:

<p>Name:</p>	<p>Aditya</p>
<p>Department, University & Country</p>	<p>National Institute of Food Technology, India</p>