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Book Name:	Recent Developments in Chemistry and Biochemistry Research
Manuscript Number:	Ms_BPR_3958
Title of the Manuscript:	Nematicidal Properties of Chitosan Nanoformulation
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.	This manuscript explores the synthesis and characterization of chitosan nanospheres using the ionic gelation technique and evaluates their nematicidal activity against the root-knot nematode <i>Meloidogyne incognita</i> . The study demonstrates the efficacy of chitosan nanospheres in reducing nematode populations under in vitro, pot culture, and field conditions while enhancing fruit yield in tomato plants. The findings have significant implications for environmentally sustainable pest management.	
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.	The abstract provides a concise summary but lacks details on the study's significance. Highlight the ionic gelation method used for chitosan nanosphere synthesis and its advantages over conventional approaches.	
Is the manuscript scientifically correct? Please write here.	Incorporate a discussion on the limitations of existing nematicides and how chitosan nanoformulations address these gaps in the introduction part.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	OK.	
Is the language/English quality of the article suitable for scholarly communications?	GOOD	
Optional/General comments	The manuscript is well-conceived and contributes significantly to the field. Minor revisions addressing the points above will strengthen the manuscript and enhance its impact.	

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PART 2:

	<u>Reviewer's comment</u>	<u>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)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

Reviewer Details:

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