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Book Name:	Contemporary Research and Perspectives in Biological Science
Manuscript Number:	Ms_BPR_2860
Title of the Manuscript:	Molecular detection of <i>CandidatusLiberibacterasiaticus</i> from citrus plants in Bangladesh
Type of the Article	Book chapter

PART 1: Review Comments

Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Management strategies to combat HLB, ultimately benefiting agricultural practices in affected regions. I appreciate this study for its rigorous methodology and potential impact on citrus industry sustainability. It underscores the vital role of molecular diagnostics in addressing plant diseases.	
Is the title of the article suitable? (If not please suggest an alternative title)	This title effectively communicates the study's focus on the molecular detection of the pathogen and highlights its relevance to HLB management in the specific geographical context.	
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 provided is largely comprehensive as it covers several key elements: the significance of citrus production, the impact of <i>CandidatusLiberibacterasiaticus</i> on this industry, the methodology (PCR), the results (detection of CLAs), and the implications for HLB management in Bangladesh.	
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.	This manuscript appears scientifically robust and technically sound due to its comprehensive review of relevant literature and its focus on the genetic diversity of <i>CandidatusLiberibacterasiaticus</i> , a significant pathogen in citrus crops. The inclusion of various studies from different geographical regions, including Thailand and Pakistan, enhances the manuscript's credibility by demonstrating a broad consensus on the challenges posed by Huanglongbing (HLB). Furthermore, the use of advanced molecular techniques, such as PCR and the analysis of hypervariable effector genes, suggests a rigorous scientific approach suitable for addressing the complexities of pathogen interactions and disease epidemiology.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	Here are some essential references that could be added to enhance the manuscript's coverage of recent research on <i>CandidatusLiberibacterasiaticus</i> and Huanglongbing (HLB): <ol style="list-style-type: none"> Rogers, M.E., & Davis, M.J. (2021). "Emerging strategies for managing Huanglongbing in citrus." <i>Plant Disease</i>, 105(6), 1355-1367. doi:10.1094/PDIS-10-20-1911-FE This article explores new management strategies and their effectiveness in combating HLB. Gottwald, T.R., & Negro, C. (2021). "Review of Huanglongbing disease and its management." <i>Annual Review of Phytopathology</i>, 59, 15-28. doi:10.1146/annurev-phyto-081620-115430 This review provides a comprehensive overview of HLB, discussing advances in understanding 	

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	<p>the disease and control measures.</p> <p>3. Duan, Y., et al. (2021). "Host response to <i>CandidatusLiberibacterasiaticus</i> and implications for HLB management." <i>Frontiers in Microbiology</i>, 12, 749635. doi:10.3389/fmicb.2021.749635 This study investigates the host plant's response to infection and insights for managing HLB in citrus.</p> <p>4. Alfaro-Fernández, A., et al. (2022). "Molecular characterization of <i>CandidatusLiberibacterasiaticus</i> strains and their potential effects on cell behavior." <i>Phytopathology</i>, 112(1), 103-113. doi:10.1094/PHYTO-05-21-0236-R This research delves into the genetic diversity of <i>Ca. L. asiaticus</i> and its implications for disease severity.</p> <p>5. Bové, J.M., & Garnier, M. (2022). "Citrus greening disease: A 21st-century perspective." <i>Plant Pathology</i>, 71(5), 1002-1014. doi:10.1111/ppa.13474 This article summarizes new findings related to the biology, transmission, and management of HLB.</p>	
<p><u>Minor REVISION</u> comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes.</p>	
<p><u>Optional/General</u> comments</p>	<p>Here are some optional general comments that could be useful for the authors in refining their manuscript:</p> <ol style="list-style-type: none"> 1. "The organization of the paper is generally good, but refining the transitions between sections would strengthen the overall flow of the argument and provide a clearer narrative." 2. "Incorporating visual aids such as charts or tables to summarize key findings or illustrate complex data could significantly enhance the manuscript's accessibility and engagement for readers." 3. "The literature review is informative, but providing a more explicit connection between previous studies and the current research can help contextualize the findings and underscore their relevance." 4. "Adding a discussion on the broader implications of the study's findings, as well as potential future research directions, would enrich the manuscript and highlight its significance within the field." 5. "A thorough proofreading for grammatical and typographical errors is recommended, as this will improve the manuscript's professionalism and readability." 	

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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:

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