

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_120510
Title of the Manuscript:	A Review: Rice Biotechnology for Abiotic Stress Tolerance
Type of the Article	

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 few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	This manuscript is of significant importance to the scientific community as it addresses the critical issue of abiotic stress tolerance in rice, a staple food crop for half of the world's population. The comprehensive review of biotechnological approaches for enhancing rice resilience to stresses such as drought, cold, heat, salinity, and heavy metals provides valuable insights into current advancements and future directions.	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title, "A Review: Rice Biotechnology for Abiotic Stress Tolerance," is appropriate but could be made more engaging and specific. A suggested alternative title is: "Advancements in Rice Biotechnology for Enhanced Abiotic Stress Tolerance."	
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is comprehensive but could benefit from slight modifications for clarity and completeness. Specifically, include briefly mention the biotechnological strategies discussed, such as genetic engineering and regulatory pathway modifications. Clarify the significance of these strategies in ensuring sustainable production in diverse agricultural environments.	
Are subsections and structure of the manuscript appropriate?	The subsections and overall structure of the manuscript are appropriate. Each abiotic stress is addressed in its section, making the manuscript well-organized and easy to follow. However, adding more clear headings and subheadings could further enhance readability.	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.	This manuscript is scientifically robust and technically sound. It effectively synthesizes current research and advancements in rice biotechnology, highlighting significant genetic and physiological adaptations that improve stress tolerance. The use of well-documented references and the inclusion of detailed mechanisms of stress response demonstrate a thorough understanding of the subject matter. This manuscript provides a solid foundation for further research and practical applications in the field of agricultural biotechnology.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.	The references are sufficient and recent, covering a wide range of studies related to abiotic stress tolerance in rice. However, ensuring that all citations are consistently formatted and that key recent studies are included will enhance the manuscript's credibility.	

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Minor REVISION comments Is language/English quality of the article suitable for scholarly communications?	Ensure consistent formatting and alignment in tables and figures. Add more subheadings to enhance the readability of the manuscript. Verify that all citations are complete and follow a consistent format. Language/English Quality: The language and English quality of the article are generally suitable but could benefit from minor grammatical corrections and the addition of articles and conjunctions for clarity.	
<u>Optional/General</u> comments	<ol style="list-style-type: none">1. Revise the abstract for clarity and completeness.2. Add more clear headings and subheadings.3. Ensure consistent formatting and alignment in tables and figures.4. Verify the completeness and consistency of citations.5. Conduct a final proofreading to correct minor grammatical issues and improve readability.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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