

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_122875
Title of the Manuscript:	Role of ZIP Family Transporters in Zinc Uptake and Transport in Plants: Implications for Biofortification and Zinc Deficiency Mitigation
Type of the Article	Review

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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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.	The manuscript provides a comprehensive overview of the importance of zinc (Zn) in plants and the role of ZIP transporters in Zn uptake	
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.	NO	
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.	The manuscript describes about enhancing the understanding of ZIP transporters can lead to the development of crops that are tolerant to zinc deficiencies through biotechnological techniques. This can improve crop quality and yield, particularly by increasing the zinc content of grains, thereby addressing the global zinc shortage issue.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are sufficient but two references mentioned in the Reference list are missing in the text (Ajeesh et al., 2020 and Palmer et al., 2003)	
Minor REVISION comments	YES	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

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>	

Reviewer Details:

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