

Review Form 3

Journal Name:	Asian Journal of Fisheries and Aquatic Research
Manuscript Number:	Ms_AJFAR_129904
Title of the Manuscript:	PROBIOTICS FOR AQUACULTURE PRODUCTION AND THE FUTURE IN THE TROPICAL ENVIRONMENT- A REVIEW
Type of the Article	

PART 1: 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. A minimum of 3-4 sentences may be required for this part.	This manuscript is a significant contribution to the scientific community, particularly for researchers, aquaculture practitioners, and policymakers. It underscores the potential of probiotics as a sustainable and effective alternative to antibiotics, addressing critical issues like disease control and growth promotion in tropical aquaculture. By focusing on the unique challenges and opportunities presented by the tropical environment, this review bridges a crucial knowledge gap, offering insights into immune modulation, stress tolerance, and reproductive performance of key species like catfish, tilapia, and carp. Its findings have the potential to enhance global fish production, ensure food security, and promote environmentally friendly aquaculture practices in a rapidly changing climate.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title, "Probiotics for Aquaculture Production and the Future in the Tropical Environment – A Review," is informative but could be made more concise and impactful. It currently provides the main subject but may benefit from rephrasing to better capture the focus of the review on both the role of probiotics and their specific impact in tropical aquaculture systems. "Probiotics in Tropical Aquaculture: Enhancing Fish Production and Sustainability – A Review"	
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 is informative and covers the key elements of the review. However, it could benefit from improved clarity, conciseness, and a stronger focus on the significance of probiotics in tropical aquaculture. I made some corrections to your manuscript you may go through it.	
Is the manuscript scientifically, correct? Please write here.	The manuscript appears to be scientifically correct in its broad claims, but there are areas where clarification, additional evidence, or precision is needed. The species name <i>Heterobranchus dorsals</i> is misspelled. It should be <i>Heterobranchus dorsalis</i> . More specificity is needed regarding the mechanisms by which probiotics improve immunity, reproduction, and stress tolerance.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The mentioned references are sufficient, but incorporating recent references will improve the manuscript's scientific rigor and relevance.	
Is the language/English quality of the article suitable for scholarly communications?	The language in the provided article is largely understandable and informative, but it could benefit from revisions to enhance clarity, coherence, and adherence to scholarly communication standards. Several grammatical issues, such as subject-verb agreement, inconsistent tenses, and some poor phrasing.	
Optional/General comments	Overall, this review underscores the transformative role of probiotics in promoting sustainable aquaculture practices in tropical environments, offering practical solutions for disease control and enhanced fish productivity."	

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

Reviewer Details:

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