

Review Form 3

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_130346
Title of the Manuscript:	GREEN SYNTHESIS OF METAL COMPLEXES OF THIAZOLE-BASED SCHIFF BASES: A REVIEW
Type of the Article	REVIEW 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 highlights eco-friendly synthesis methods for metal complexes of thiazole-based Schiff bases, offering sustainable alternatives to conventional techniques. It underscores their potential in pharmaceutical and industrial applications while identifying research gaps for future exploration in green chemistry.	It provides alternative methods of synthesizing complexes of thiazole-based Schiff bases, that are sustainable and eco-friendly. The identification of gaps in the literature has therefore provided avenue for future exploration. This review has highlighted the future directions for green synthesis using biocatalysis, which will drive an interesting research field.
Is the title of the article suitable? (If not please suggest an alternative title)	Sustainable Approaches to Synthesizing Thiazole-Based Schiff Base Metal Complexes: A Comprehensive Review	This is a mini-review not comprehensive, as it is restricted to the different green approaches of synthesizing complexes of thiazole-based Schiff bases only, without delving into the instrumentation types and their wide applications.
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 good overview of the manuscript, highlighting the focus on green synthesis methods for metal complexes, advantages etc. But you can add specific applications, state the research gap, eliminate repetition.	
Is the manuscript scientifically, correct? Please write here.	YES, manuscript is scientifically correct.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references cited in the manuscript are relevant and span various aspects of green synthesis and thiazole-based Schiff bases. However, a significant portion of the references are dated prior to 2021, with only a few recent works included (2023 and 2024). Incorporating more recent references would help contextualize the findings within the current research landscape and reinforce the manuscript's impact.	Actually, the reason for such references is due to the scanty literature on the review topic, indicates the slow pace of development in the area of green synthesis of metal complexes.
Is the language/English quality of the article suitable for scholarly communications?	YES, Grammar corrections and language improvement can be done.	Will proofread to correct all grammar.
Optional/General comments		

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