

Review Form 1.7

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_102330
Title of the Manuscript:	AN OVERVIEW OF NANOPARTICLE PROPERTIES AND MICROBIOLOGICAL USES IN RELATION TO THEIR BIOACTIVITY
Type of the Article	Review Article

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://journalijbcr.com/index.php/IJBCRR/editorial-policy>)

PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes.Minor revision is needed.</p> <p>Yes</p> <p>1-It is important to thoroughly discuss the mechanism of bioagents and synthesized nanoparticles in relation to their antibacterial and optical properties. Exploring the intricate interactions and processes involved will provide a comprehensive understanding of their effectiveness in combating bacterial infections. To aid in the readers' comprehension, the inclusion of relevant figures would greatly enhance the visual representation of these mechanisms, facilitating a clearer understanding of the topic (https://doi.org/10.1016/j.surfin.2022.102349).</p> <p>2- How do nanoparticles address the issue of toxicity, and what specific properties make them effective in ameliorating toxicity? (for help: https://doi.org/10.3390/app10103620)</p> <p>3- How bioagents and their concentration can change the physicochemical properties?</p> <p>4-How could be measured the release of nanoparticles into materials such as bio application/food stuff?</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Good	
<p>Optional/General comments</p>		

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)
<p>Are there ethical issues in this manuscript?</p>	<p>(If yes, Kindly please write down the ethical issues here in details)</p>	

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