

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_80953
Title of the Manuscript:	Biosynthesis of Polyhydroxyalkanoate by Recombinant Bacteria: A Review
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://www.journalpri.com/index.php/JPRI/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)
Compulsory REVISION comments	<p>This review deals with Biosynthesis of Polyhydroxyalkanoate by Recombinant Bacteria: A Review</p> <p>The subject is sound but many reviews and papers focused on the same topics, so what is the novelty in this review?</p> <p>Here you can find some links related to this subject:</p> <ol style="list-style-type: none"> 1) https://www.researchgate.net/publication/228658231_Biosynthesis_of_polyhydroxyalkanoates_Current_research_and_development 2) https://www.sciencedirect.com/science/article/pii/S2405805X17300819 <p>To be novel, some applications of the biosynthesized PHAs must be mentioned like, biomedical applications, PHAs-based nanocomposites and the following citations may be helpful and added in the minor revision step.</p>	
Minor REVISION comments	<p>Some articles related to the above point must be cited as follows:</p> <ol style="list-style-type: none"> 1) Haroun A.A., Abdel-Hamid M.S. Evaluation and characterization of polyhydroxybutrate produced by azotobacter chroococcum. <i>Biotechnol: An Indian J.</i> 11 (9), (2015) 347-354. 2) Dewedar S., Abdel Hamid M.S., EL-Ghareeb D., Haroun A.A., A.F. ElBaz, A. El-Mekawy. Statistical optimization and chemical characterization of newly extracted siderophore from Azotobacter chroococcum. <i>Bioscience Res</i> 15(2), (2018) 1163-1177. 3) Abdel-Hamid M.S., Saad M.W., Badawy G.A., Hamza H.A., Haroun A.A.. Synthesis and examination of hydroxyapatite nanocomposites based on alginate extracted by <i>Azotobacter chroococcum</i> new strain MWGH-ShKB <i>in vitro</i>. <i>Bioscience Res</i> 15(4), (2018) 3293-3306. 4) Galal G.F., Abd-Elhalim B.T., Abou-Taleb K.A., Haroun A.A., Rawia F. Gamal. Toxicity assessment of green synthesized Cu nanoparticles by cell-free extract of <i>Pseudomonas silesiensis</i> as antitumor cancer and antimicrobial. <i>Annals Agric Sci</i> 66, (2021) 8–15. https://doi.org/10.1016/j.aoas.2021.01.006 <p>The resolution of Fig 2 must be improved</p>	
Optional/General comments	The review may be accepted for publication after revision according to the aforementioned remarks.	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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