

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_80286
Title of the Manuscript:	Antioxidant activity of Abies webbiana mediated zinc oxide nanoparticles
Type of the 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.journaljpri.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>Dear Editor Thank you so much for giving me this opportunity to review this article. The aim of the paper is synthesizing of ZnO nanoparticles using <i>A. webbiana</i> Extract. The paper proposed to the journal is of very low quality. I suggest its publication after some major revisions, as follows: The synthesis is not clear. How was the composition of extract determined? It is not clear the role of the molecules represented in extract, and the description of the synthesis is not referring to this. The X-ray diffraction, transmission electron microscopy or field emission scanning electron microscopy are not investigated! This should be added. How can it be confirmed that ZnO NPs are synthesized successfully? XRD should be added. Although ZnO is approved as safe, there are multiple studies that point to its high toxicity and adverse side effects in in vitro and in vivo models. It should be taken into account and carefully discussed in the parts of the manuscript devoted to biomedical applications. It would be interesting to compare the sizes of the NPs prepared in this study with NPs extracted from other sources. It is especially important because ZnO NPs toxicity is size-dependent</p>	
Minor REVISION comments		
Optional/General comments		

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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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