

Review Form 1.7

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_119454
Title of the Manuscript:	Impact of Silver Nanoparticles on onion (<i>Allium cepa</i> L.) seed germination and seedling Vigor.
Type of the Article	

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> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, For the increasing population to overcome the population of the food demand, techniques need to improve the yield of the plants</p> <p>The title is not in confirmatory model. But in conclusion the result work has confirm the research</p> <p>Need the improve, keywords are not justify the abstract. In discussion more mechanism and reference are needed</p> <p>Appropriate sub headings need to methodology for more clarity. Introduction part little coherence and continuity of the topic need to improve. Lot of unwanted information with out proper reference in intro part. The concentration of the AgNPs mentioned 4 or 5 in some places. For control un inoculated AgNPs seed should used. Here the author use water as control. Need to justify it.</p> <p>Have to improve the standardization of T2 (0 to 25 concentration) at which specific point (0-24ppm) the seed germination is high. At least the author predict closer to the concentration to improve the quality of this study</p> <p>No recent reference (up to 2016 only) .For discussion strengthen the reference</p> <p>Give in depth details about the variety of the plant, why chosen this particular variety, Authentication of the species, previous research on this species. Size of the nanoparticles in as per SEM image, No instruments are mentioned in this manuscript.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Need some improvements</p>	
<p>Optional/General comments</p>	<p>Instrumentation, species significance, previous works on the species, mechanism of the germination by high and low concentration of the silver nanoparticles.</p> <p>If AgNPs may accumulated on germinated seed or plants that may impact the consumers or other organisms</p>	

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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>	

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