



SDI Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Biology</a>
Manuscript Number:	Ms_AJOB_55607
Title of the Manuscript:	Biosynthesis of Gold and Silver Nanoparticles and their applications
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:

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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)
<u>Compulsory</u> REVISION comments	<p>There are many reports in which authors reviewed the green synthesis of silver nanoparticles/gold nanoparticles and their applications. So, the manuscript should added a new citations that give support to your paper.</p> <p>The following references should be added for your manuscript</p> <p>Siddiqi, K. S., Husen, A., &amp; Rao, R. (2018). A review on biosynthesis of silver nanoparticles and their biocidal properties. <i>Journal of nanobiotechnology</i>, 16(1), 14. <a href="https://doi.org/10.1186/s12951-018-0334-5">https://doi.org/10.1186/s12951-018-0334-5</a></p> <p>Escárcega-González, C. E., Garza-Cervantes, J. A., Vázquez-Rodríguez, A., Montelongo-Peralta, L. Z., Treviño-Gonzalez, M. T., Castro, E. D. B., ... &amp; Rosales, J. C. (2018). In vivo antimicrobial activity of silver nanoparticles produced via a green chemistry synthesis using <i>Acacia rigidula</i> as a reducing and capping agent. <i>International journal of nanomedicine</i>, 13, 2349.</p> <p>Singh, P., Pandit, S., Garnæs, J., Tunjic, S., Mokkapati, V. R., Sultan, A., Thygesen, A., Mackevica, A., Mateiu, R. V., Daugaard, A. E., Baun, A., &amp; Mijakovic, I. (2018). Green synthesis of gold and silver nanoparticles from <i>Cannabis sativa</i> (industrial hemp) and their capacity for biofilm inhibition. <i>International journal of nanomedicine</i>, 13, 3571–3591. <a href="https://doi.org/10.2147/IJN.S157958">https://doi.org/10.2147/IJN.S157958</a></p> <p>Nasrollahzadeh, M., Mahmoudi-Gom Yek, S., Motahharifar, N., &amp; Ghafori Gorab, M. (2019). Recent Developments in the Plant-Mediated Green Synthesis of Ag-Based Nanoparticles for Environmental and Catalytic Applications. <i>The Chemical Record</i>, 19(12), 2436-2479.</p> <p>Rafique, M., Sadaf, I., Rafique, M. S., &amp; Tahir, M. B. (2017). A review on green synthesis of silver nanoparticles and their applications. <i>Artificial cells, nanomedicine, and biotechnology</i>, 45(7), 1272-1291.</p> <p>Ahmad, S., Munir, S., Zeb, N., Ullah, A., Khan, B., Ali, J., Bilal, M., Omer, M., Alamzeb, M., Salman, S. M., &amp; Ali, S. (2019). Green nanotechnology: a review on green synthesis of silver nanoparticles - an ecofriendly approach. <i>International journal of nanomedicine</i>, 14, 5087–5107. <a href="https://doi.org/10.2147/IJN.S200254">https://doi.org/10.2147/IJN.S200254</a></p> <p>Madhavan, A. A., Juneja, S., Moulick, R. G., &amp; Bhattacharya, J. (2020). Growth Kinetics of Gold Nanoparticle Formation from Glycated Hemoglobin. <i>ACS Omega</i>.</p> <p>Ali, S. G., Ansari, M. A., Alzohairy, M. A., Alomary, M. N., AlYahya, S., Jalal, M., ... &amp; El-Sherbeeney, A. M. (2020). Biogenic Gold Nanoparticles as Potent Antibacterial and Antibiofilm Nano-Antibiotics against <i>Pseudomonas aeruginosa</i>. <i>Antibiotics</i>, 9(3), 100.</p> <p>Trotter, M., Juric, D., Bagherian, Z., Borst, N., Gläser, K., Meissner, T., ... &amp; Zimmermann, A. (2020). Inkjet-Printing of Nanoparticle Gold and Silver Ink on Cyclic Olefin Copolymer for DNA-Sensing Applications. <i>Sensors</i>, 20(5), 1333.</p> <p>Nafiujjaman, M., &amp; Kim, T. (2020). Gold Nanoparticles as a Computed Tomography Marker for Stem Cell Tracking. In <i>Cell Tracking</i> (pp. 155-166). Humana, New York, NY.</p> <p>...</p> <p><b>Add some more discussion</b></p> <p><b>Note: the scientific names of species are italicized.</b></p> <p><b>Au<sup>3+</sup> and Ag<sup>+</sup> to Au<sup>3+</sup> and Ag<sup>+</sup></b></p> <p><b>Over all the manuscript is badly written.</b></p>	



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<b>Minor</b> REVISION comments	The author should revise the language of manuscript carefully to remove any typographical or grammatical errors.	
<b>Optional/General</b> comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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