

Review Form 3

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| Journal Name: | Asian Journal of Physical and Chemical Sciences |
| Manuscript Number: | Ms_AJOPACS_130155 |
| Title of the Manuscript: | Nanoparticles for Biomedical Science |
| Type of the Article | Minireview Article |

PART 1: Comments

| | Reviewer's comment | Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part. | The study titled Nanoparticles for Biomedical Science can be a guiding study for researchers who will perform biomedical applications. The rapid popularity of nanotechnology makes studies on nanoparticles even more important. For this reason, the current study is important. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | yes | |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | yes | |
| Is the manuscript scientifically, correct? Please write here. | Yes. The author made explanations by giving subheadings in the introduction part of the article. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | References are up to date but a bit incomplete. You may use the following articles. Ekotoksisite Deneylelerinde Nanopartikül Karakterizasyonunun Önemi ve Yöntemleri. <i>Marmara Fen Bilimleri Dergisi</i> , 30(1), 1-17. Desmodesmus multivariabilis' in bor partiküllerine maruz kalmada biyolojik birikiminin değerlendirilmesi. <i>Biological Diversity and Conservation</i> , 9(3), 204-209. Investigation of cell damage of periodontopathic bacteria exposed to silver, zirconium oxide, and silicon oxide nanoparticles as antibacterial agents. <i>Micro & Nano Letters</i> , 18(9-12), e12178. Extracellular synthesis of silver nanoparticles using Cladophora sp. and its antimicrobial activity effects on lipid peroxidation and antioxidant activities of extracts. <i>Fresenius Environmental Bulletin</i> , 30(06B), 7422-7432. Green Synthesis of Silver Nanoparticles Using Mandragora autumnalis; Its Characterization, Antioxidant and Antimicrobial Activities. <i>Erzincan University Journal of Science and Technology</i> , 14(3), 1039-1054. The comparative toxicity of nano and micro boron particles to freshwater microalga (Desmodesmus multivariabilis): the importance of particles size. <i>Fresenius Environmental Bulletin</i> , 27(12), 9602-9610. NANOTEKNOLOJİ İLE KARSİNOGENEZ SÜRECİNDE miRNA'LARIN ROLÜ VE PROFİLLENMESİ. <i>Türk Bilimsel Derlemeler Dergisi</i> , 15(1), 86-114. | |

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| Is the language/English quality of the article suitable for scholarly communications? | Yes | |
| Optional/General comments | The article is generally well written, but could use some improvement. | |

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) |
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| 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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|----------------------------------|---------------------------------|
| Name: | Yesim Ozkan Daglioglu |
| Department, University & Country | Ordu University, Turkiye |