

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_82499
Title of the Manuscript:	Biosynthesis of silver nanoparticles from medicinal plant, Pedalium murexL and evaluation of its antibacterial activity against selected pathogens
Type of the Article	Original Research

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>This manuscript mainly presents a particular processing route and some techniques for the experimental characterization of specific silver nanoparticles. Antibacterial activity against selected pathogens is proposed. A list of comments for the authors is below:</p> <ol style="list-style-type: none"> 1. A proofreading is mandatory. By the way, the subtitle 2.3 is wrong. 2. Several publications in the list of references must be updated and better selected. 3. A better justification of the aim of the work must be described in the introduction section to highlight the originality of the research in comparison with previous publications in the same topic. 4. A justification of the parameters in the biosynthesis of the Ag nanoparticles must be made in order to see the preparation is systematic instead of incidental. You can see for instance DOI 10.1007/s13204-015-0449-z 5. It is not clear the importance of the size and shape of the nanoparticles in the antibacterial activity. Moreover, from micrographs the shape of the nanoparticles seems to be anisotropic and then, it could be useful to describe if a preferential anisotropy is present. You can explore the anisotropy by polarized light in the UV-visible spectroscopy studies. You are invited to better describe and analyse the absorption band associated to the Surface Plasmon Resonance of the nanoparticles by considering their dependence on the vectorial nature of light as you can see for instance: doi:10.1088/2040-8978/14/12/125203 	
Minor REVISION comments		
Optional/General comments		

[Review Form 1.6](#)

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:

Name:	Carlos Torres-Torres
Department, University & Country	National Polytechnic Institute, Mexico