

## Review Form 1.6

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_77688
Title of the Manuscript:	Green synthesis of copper oxide nanoparticles using Coix lacryma jobi leaves extract and screening of its potential anticancer activities.
Type of the Article	Original Research 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:

(<http://peerreviewcentral.com/page/manuscript-withdrawal-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)
<b>Compulsory</b> REVISION comments	<ol style="list-style-type: none"><li>1. What is the significance of IR spectroscopy. Compare the IR of extract with the IR of nanoparticles, Is there any Signals due to CuO.</li><li>2. The IC50 is very high check the unit microgram/microliter or microgram/ml</li><li>3. What standard did you use for comparing the IC50 of nanoparticles against different nanoparticles. Example(doxorubicin or other)</li><li>4. What is the significance of UV spectroscopy. Did you receive any lamda max for copper nanoparticles. Compare the UV spectra with Uv spectrum of extract</li></ol>	<p>1. IR spectroscopy of green CuO NPs signifies the presence of CuO at prominent peak at 492 cm<sup>-1</sup> and 611 cm<sup>-1</sup>. The facility for liquid IR (for extract) is not available currently in our department. However, the formation of CuO NPs peak has shown in the IR spectra.</p> <p>2. The unit should be in <b>microgram/ml</b>.</p> <p>3. The comparison with standard doxorubicin have written and the graph were plotted. The details of it are explain with highlight in the word file "Authors comment"</p> <p>4. <b>A broad peak from 300-340 nm was observed in the absorption spectrum for the leaves extract.</b> Details are explain in the above file "Authors comment"</p>
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

### **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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	