

## Review Form 1.6

Journal Name:	<a href="#">Journal of Cancer and Tumor International</a>
Manuscript Number:	Ms_JCTI_78648
Title of the Manuscript:	Anticancer and Apoptotic potentials of Gliricidia sepium leaf extract on Breast HCC1395, Prostate DU145 and Colorectal CT26 cell lines.
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:

(<https://www.journaljcti.com/index.php/JCTI/editorial-policy> )

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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)
<b>Compulsory</b> REVISION comments	<p>Include detailed description of the results ...</p> <p>Review style and language by English speaking expert. There are phrases that are not understood</p> <p>Update the information regarding the prevalence of cancer</p> <p>How did you select the concentrations of the extract you used? Include this information in the methodology.</p> <p>What concentration of Doxorubicin did they use? Include this information in the methodology.</p> <p>Summarize the information of the MTT technique, it is a very common technique and its use is well known</p> <p>What was the IC50 concentration</p> <p>Because the effect of PGS on VERO E6 cells was not measured</p> <p>Table 2 is not understood</p> <p>Figure 3 missing standard deviation of data</p> <p>Indicate the data that present significant differences</p>	
<b>Minor</b> REVISION comments	<p>Write the numbers with letters, when you start the sentence.</p> <p>Insert the formulas, with Word program</p> <p>Change RPM for "rpm"</p>	
<b>Optional/General</b> comments	<p>In the manuscript "Anticancer and Apoptotic potentials of Gliricidia sepium leaf extract on Breast HCC1395, Prostate DU145 and Colorectal CT26 cell lines", the authors evaluated the antiproliferative effect of Gliricidia sepium leaf extract (ethanol and petroleum ether) in three cancer cell lines. Their results show that the ethanolic extract from leaf extracts of G. sepium has antiproliferative activities on cancer cells and upregulated apoptotic genes potential anticancer agent.</p> <p>The increase in the expression of p53 and Bax, although it can be an indicator of apoptosis, it is necessary to measure the expression of the protein by western blot, in addition to evaluating apoptosis in cell cultures, it would give great support to its results.</p>	

### 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?	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

### Reviewer Details:

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