



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Research Journal of Oncology</a>
Manuscript Number:	<b>Ms_IRJO_42388</b>
Title of the Manuscript:	<b>CYTO-BIOLOGICAL ACTIVITIES OF LACTAPTIN: AN INSIGHT INTO DESIGNING OF NEW CANCER THERAPAUTICS</b>
Type of the Article	<b>Mini review</b>

**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://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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><b>Background and objective:</b> Authors has mentioned resistance of cancer cells to these peptides, but nowhere in the article has discussed about the advantage of Lactaptin in this aspect.</p> <p><b>Methodology:</b> The sentence is not complete checks the grammar.</p> <p><b>Result:</b> Please use the past participle of "show" because you have used past perfect tense or rephrase it.</p> <p>Line no. 26 and 27 coma are missing, please check punctuations there many punctuation mistakes.</p> <p>Line no. 29 and 30 if the concentration is reduced, then how can this peptide work, please explain.</p> <p>If possible please explain the bio distribution part in few more lines.</p> <p><b>2. MECHANISM OF LACTAPTIN INDUCE PROGRAM CELL DEATH</b></p> <p>This review is not about apoptosis, you should start discussing about the mechanism of Lactaptin in cancer cell apoptosis not about the mechanism of apoptosis. Delete line no 38 to 45.</p> <p>Line no 60 it should be caspase not casspass.</p> <p><b>5. CYTOTOXIC ACTIVITY OF LACTAPTIN</b></p> <p>Review is not about MTT there are many other methods to check cytotoxicity delete Detail about MTT focus on how Lactapin create Toxicity to cancer.</p> <p>Line no 190 "play"</p> <p>Line no 191 must be "the" not he</p> <p>Add little more details about lactaptin like when it was first discovered why it is used in cancer. Because you are talking about recombinant lactaptin, explain the molecular characteristic DNA size and protein size etc.</p>	<ul style="list-style-type: none"> <li>We not found any article discussing the resistance of this peptide. But the peptide is effective against both human and mice cancer cells. See introduction.</li> <li>Methodology sentence is corrected and it is now complete.</li> <li>Shown was used to replace show</li> <li>We have take care of the punctuation errors.</li> <li>The peptide is evenly distributed that is why the biodistribution reduces, but many modifications has been workout. See <b>enhancement of lactaptin with tumor penetrating peptides</b></li> <li>Mechanism of apoptosis line no 38 to 45 was deleted as you requested. But we feel that this is important.</li> <li>We just gave general background about MTT assay. But anyway it was deleted.</li> <li>Line 190 play and line 191 the all has been corrected</li> <li>We have added note on origin of this peptide. See introduction.</li> </ul>
<b>Minor</b> REVISION comments	<p>Line no. 195 what do you mean by treasured way</p> <p>Please recheck English there are many grammatical and spelling mistakes.</p> <p>Instead of focusing on technique you should focus on the details about lactaptin.</p>	We have made critical corrections and some modification
<b>Optional/General</b> comments	<p>There are amny grammar and sentence structure errors.</p> <p>Please make it sure to proofread before resubmission.</p>	