## SCIENCEDOMAIN international

www.sciencedomain.org



#### **SDI Review Form 1.6**

Journal Name:	Journal of Complementary and Alternative Medical Research
Manuscript Number:	Ms_JOCAMR_41248
Title of the Manuscript:	Phytochemical screening and in vitro antiproliferative activity of the fruit of Annona muricata and Abelmoschus esculentus pods against selected cancer cell lines.
Type of the Article	Original Research Article

### **General guideline for Peer Review process:**

This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, 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)

### **PART 1:** Review Comments

	manuscript. It is mandatory that authors should write his/her feedback here)
1) Kindly include the family names in the abstract.	
2) Please give the authentic abbreviations or codes for the various cell lines in the abstract also in methodology and Results & Discussion like Mcf-7 (Breast cancer cell lines).	
3) Kindly concise the abstract by giving only cytotoxic assay values in a range.	
4) Please add a note on tribes of Africa and which group of tribes uses these plants before line 67 or where it will suits.	
5) please add description of both the plants as per monograph with references in the introduction where ever it suits like Botanical Description , Vernacular names, Habitat, Traditional uses , chemistry with isolated compounds along with references and uses.	
6) Please give reference to the extraction in methodology in line number 113.	
7) Please give references to phytochemical screening and concise the phytochemical screening methods as its a standard protocol.	
8) Give references to the Antiproliferative assays.	
9) In table 2 please mention the statistical significance incompare to standard drug used using Annova or t Test .	
10) Figure 2: Effects of A.muricata and A.esculentus extracts on selected c 226 ancer cell lines is not required, kindly keep either only a table or a figure.	
11) The conclusion / discussion is to concessive please elaborate as the work is too vast .	
12) Give some hypothesis on cell cycle.	
The work is very good but scientific representation in methodology is missing .	
	<ol> <li>Please give the authentic abbreviations or codes for the various cell lines in the abstract also in methodology and Results &amp; Discussion like Mcf-7 (Breast cancer cell lines).</li> <li>Kindly concise the abstract by giving only cytotoxic assay values in a range.</li> <li>Please add a note on tribes of Africa and which group of tribes uses these plants before line 67 or where it will suits.</li> <li>please add description of both the plants as per monograph with references in the introduction where ever it suits like Botanical Description, Vernacular names, Habitat, Traditional uses, chemistry with isolated compounds along with references and uses.</li> <li>Please give reference to the extraction in methodology in line number 113.</li> <li>Please give references to phytochemical screening and concise the phytochemical screening methods as its a standard protocol.</li> <li>Give references to the Antiproliferative assays.</li> <li>In table 2 please mention the statistical significance incompare to standard drug used using Annova or t Test.</li> <li>Figure 2: Effects of A.muricata and A.esculentus extracts on selected c 226 ancer cell lines is not required, kindly keep either only a table or a figure.</li> <li>The conclusion / discussion is to concessive please elaborate as the work is too vast.</li> <li>Give some hypothesis on cell cycle.</li> </ol>

# **Reviewer Details:**

Name:	M V N L Chaitanya
Department, University & Country	Guru Nanak School of Pharmacy, India

Created by: EA Checked by: ME Approved by: CEO Version: 1.6 (07-06-2013)