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SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Botany
Manuscript Number:	**Ms_AJRIB_43993**
Title of the Manuscript:	**Botanical study, phytochemical screening and evaluation of the cytotoxicity of fruits of Solanum torvum Swartz (Solanaceae) on HFF cells (Human Foreskin Fibroblasts).**
Type of the 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://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

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	**- Introduction: page 19, line 19, ''The fruits are widely used in several treatments in Cameroon.'' Any reference?** **- The antimicrobial activity of the Solanum torvum has been already demonstrated in the literature please also mentione this in the introduction. Also, early reports on the chemical investigations of *Solanum torvum* should be included in the introduction section.** **- ''The ethnobotanical survey carried out in the Haut-Sassandra Region also showed that all parts of *Solanum torvum* are intensively used in the traditional environment, particularly the leaves and fruits in the treatment of dermatoses and other diseases.'' Any reference?** **- Please indicate the month and year of collection of *Solanum torvum*** **- please provide the extraction yield of the extract in the methodology section and formula used to calculate it.** **- The authors don´t mention the centrifugation step that is frequently performed after the incubation with MTT, after which supernatants should be discarded and then the formazan crystals suspended in 100 µL of DMSO. Formazan crystals are not soluble in the presence of water. Did the authors omitted to describe this step?, How did they do it?, Were the proper controls (positive controls) performed?.** **- Botanical description of *Solanum torvum* is well known and the publication of botanical data in details is not necessary unless these data complement the already existing information with a better one.** **- The results are not well presented and discussed.** **- ''in vitro'' and ''in vivo'' should be in italics throughout the manuscript.** **- Conclusion should be revised and shortened according to the main objective of the study.** **- There are many typological and English errors throughout the manuscript.**	**Thank you for your comments. I took your remarks into account.** **Indeed the cytotoxicity test was carried out in France (Laboratory Adaptation and Pathogenesis of Microorganisms (LAPM) of Grenoble) and we received this protocol as presented in the article. Following your remarks I added some elements that I did not put in the article. Formazan being insoluble, DMSO or isopropanol is used for the solubilization to allow a spectrophotometer assay at 570 nm.**
Minor REVISION comments		
Optional/General comments		