



SDI Review Form 1.6

Journal Name:	<u>Journal of Advances in Medical and Pharmaceutical Sciences</u>
Manuscript Number:	2014_JAMPS_15989
Title of the Manuscript:	MORINGA LEAF EXTRACT AMELIORATES CEREBRAL CORTEX TISSUE DAMAGE IN STZ-INDUCED DIABETES CONDITION
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>)



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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)
Compulsory REVISION comments	The topic of this manuscript falls within the scope of the Pharmaceutics subject area Comments The author shows the anti-diabetic effects of the moringa oleifera leaf extract in STZ-injected mice, and the moringa oleifera leaf extract also ameliorates cerebral cortex tissue damage. Topic might be good and several data are interesting. But the detailed interpretation might be needed. 1. STZ might induce diabetes by destroying pancreatic beta cells, it also can produce an animal model for Type 2 diabetes. Why did you say "... used in medical research to produce an animal model for Type 1 diabetes."(line 47)? 2 In the materials and method when diabetes was	Needed correction has been made ... Tables and charts show comparative differences



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	confirmed, how much the fasting blood glucose level is greater than? 3. Group 2 animals were administered 200mg/kg of moringa leaf extract, why did not the Group 1 and Group 3 undergo the same way with physiological saline simultaneously? 4. This manuscript has only one group as experimental group, why did you chose the 200mg/kg of moringa leaf extract? Is this concentration the best? Why? 5. What was the method for measuring the MDA? 6. Table 3, What was the meaning of “No of weeks”? Minors 1. References are needed in line 35-37.	Research design ... Pilot study in consideration of literature review- dose is suitable and sub-lethal ... MDA assay was done with the Lipid Peroxidation (MDA) Assay Kit (Sigma-Aldrich®) Corrected as Weeks
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		