



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	2015_JAMPS_16310
Title of the Manuscript:	Positive Anti-Cadmium Poisoning Anti-Oxidant Effects of Moringa Seed Oil and Cashew Nut Oil in Juvenile Wistar Rats Hippocampus
Type of the Article	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The manuscript has clarifications to the abstract and methodology; however there are many points to be included to demonstrate cadmium toxicity. a) How authors determine 21 days after Cd treatment (group b) their toxicity or oxidative stress induction. b) What means SOD and GPx activity without clarification about procedure (standard curves or positive control), after 21 days. Determinations represent the effect of the last administration? Why antioxidant activity (SOD) of untreated animals is similar to cadmium sulphate treated? c) Is impossible to determine metal concentration pertinence due to reference 18 (incomplete) or authors justification. How authors demonstrate that metal concentration is sufficient to reach brain by intra peritoneal injection? d) Experimental design is a dark box, without demonstration of toxic effects of cadmium sulphate. In addition, the main manuscript still presenting typographic mistakes and references miss data. IARC classification is by groups 1A, 2A, 2B, etc....authors did not change nomenclature in the text. Results are a tables and figures collection.	a. General [not necessarily specific] consideration of existing literatures; also pilot study b. Tissues activities, even if acute as suggested, would not have been independent of the previous effects as a principle of biological systems. The method is not strange considering several similar works on neurotoxicity. See discussion for possible explanations c. These findings are not necessarily absolute, but they have greatly contributed to knowledge in the concerned area of research; intra peritoneal injection is an established procedure of experimental drug administration like intramuscular and others ... we don't have to explain is efficacy in this context, especially if results are consistent with the expectations of the procedure Reviewer should rather see tens of literatures available as this is never a de novo concept ... d. Cadmium toxicity as used is an established fact; we have other results establishing this from cytological and immunohistochemical perspectives; yet there is enough evidence to support this occurrence in this report Typographic errors are being corrected. Thanks. Additional Info: There is no need to demonstrate an established scientific fact already established as a premise in every related research; cadmium is a severally confirmed neurological intoxicant that might not be substantially impeded by the blood brain barrier from reaching the brain This is our suitably adopted method of presentation