



SDI Review Form 1.6

Journal Name:	<u>Journal of Advances in Medical and Pharmaceutical Sciences</u>
Manuscript Number:	Ms_JAMPS_23862
Title of the Manuscript:	ACUTE TOXICITY AND HYPOGLYCEMIC ACTIVITY OF AQUEOUS FRUIT PULP EXTRACT OF ADANSONIA DIGITATA (AFPEAD) ON ALLOXAN INDUCED DIABETIC RATS
Type of the Article	Original Research Article

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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	LD50? One time full form 30 hypertension (Brown and Arthur, 2001).? Provide latest data 32 (World Health Organization, 1980).?data should not be more than ten years 40 and William, 2002).? 75. 20g? starting sentence should be in word 82. 1g? in word 83.ml? 163 compound (Phillip <i>et al.</i>, 2000).? 167 classification (Van Den Heuvel <i>et al.</i>, 1987).? 178 muscle and adipose tissue (McCarthy and Frognel, 2002).? Provide latest one 186 glucose transporter-2 (GLUT2) (Szkudelski, 2001)? 206 (Gyang and Day, 1989).? Reference – replace all references with latest one. Not more than ten years 224 Brown, K. M. and Arthur, J. R. (2001). Selenium, selenoproteins and human health: a review <i>J. public health nutrition</i> 4(2b): 593-599. 225 <i>public health nutrition</i> 4(2b): 593-599. 237 GraphPad InStat3 Software; 2000.Available: www.graphpad.com? Retrieved date? 243 Gyang, C.J. and C. Day, (1989). Traditional plant medicines as treatment for diabetes. <i>Diabetes Care</i>, 12(8): 553-564. 254 Laura, M.T (2009). FDA "Agency Response Letter	1. There is no need for all data to be less than ten years, some theories, principles and definitions are unchanged for decades. In order to understand the present and forecast the future, we have to study the past. Latest references are required when new theories and findings are found. 2. The latest (WHO) reference was given in the revised version, but its explaining the same thing with the previous one. 3. Corrections noted. Thank you. 4. Phillip <i>et al.</i>, 2000. The reference just gives the definition of Acute toxicity and this definition still holds today 5. Insulin stimulates the uptake of glucose into cells of the liver, skeletal muscle and adipose tissue (McCarthy and Frognel, 2002). This fact is the same for over twenty year and there is no research that contradict it. 6. (Szkudelski, 2001) gives the mechanism for the toxicity of alloxan and it still the same today. 7. (Gyang and Day, 1989). Gives the



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	GRAS Notice No. GRN 000273".? Make it more clear 256 Lorke, D. (1983). A new approach to practical acute toxicity testing. <i>Arch toxicol</i> 53: Pp 275-257 287? 259 McCarthy, M. and P. Frognel (2002). Genetic approaches to the molecular understanding of type 260 2 diabetes. <i>Am. J. Physiol. Endocrinol. Metab.</i> 2 (83): Pp. 217-225.? 266 Phillip L. Williams, R. C. and Stephen M. R. (2000). <i>Principles of Toxicology: Environmental 267 and Industrial Applications, Second Edition</i>, ISBN 0-471-29321-0 Pp 22.? 277 Sidibe, M and Williams, J.T. (2002). <i>Baobab - Adansoniadigitata</i>. Southampton, UK: 278 International Centre for Underutilised Crops. ISBN 0854327762? 280 Szudelski, T.S. (2001). The mechanism of alloxan and streptozotocin action in β cells of the rat 281 pancreas. <i>Physiolo. Res.</i>, 50: 536-546.? 283 Van Den Heuvel M.J., Dayan, A.D. and Shillaker, R.O. (1987). Evaluation of the BTS approach 284 to the testing of substances and preparations for their acute toxicity. <i>Hum Toxicol</i> 6: 279.? 286 World Health Organisation (1980). Second report of the WHO expert committee on diabetes 287 mellitus. Technical Report Series 646: Pp 66.?	mechanism of action of Chlorpropamide, this drug is been in use for over three decades. 8. Please see revised version for retrieval date. Thank you Please see revised version for corrected references
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	After needful correction it will be ready for publication.	All needful corrections were effected in revised paper. Thank you