

Review Form 1.6

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_93769
Title of the Manuscript:	ANTIHYPOGLYCEAMIC EFFECT OF SOME FRUITS IN ALLOXAN INDUCED DIABETIC ALBINO MICE.
Type of the Article	

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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		
Minor REVISION comments	<p>1. It is a metabolic disorder of multiple aetiology characterized by chronic hyperglyceamia with disturbances of carbohydrate, fat and protein metabolism. Correct as It is a metabolic disorder of multiple aetiology characterized by chronic hyperglycemia with disturbances of carbohydrate, fat and protein metabolism.</p> <p>2. However, diabetes mellitus is associated with clinical signs and symptoms such as polydipsia, polyuria, polyphagia weight loss, fatigue, anorexia and nocturia. Correct as However, diabetes mellitus is associated with clinical signs and symptoms such as polydipsia, polyuria, polyphagia weight loss, fatigue, anorexia and nocturia.</p> <p>3. Keto-acidosis and infection are often serious complications associated with insulin-depedent diabetes mellitus if not treated or poorly treated and may result in death of the patient, correct as Keto-acidosis and infection are often serious complications associated with insulin-dependent diabetes mellitus if not treated or poorly treated and may result in death of the patient,</p> <p>4. As the number of people with diabetes multiplies worldwide, the disease takes an ever-increasing proportion of national and international health care budgets.It is estimated to be one of the worlds main disablers and killers within next 25 years correct as As the number of people with diabetes multiplies worldwide, the disease takes an ever-increasing proportion of national and international health care budgets . It is estimated to be one of the world's main disablers and killers within next 25 years</p> <p>5. management of diabetes.Theantidiabetic potential of watermelon showed high reduction in blood glucose in experimental albino rats fed rind ethanol extract of the fruit correct as management of diabetes. The antidiabetic potential of watermelon showed high reduction in blood glucose in experimental albino rats fed rind ethanol extract of the fruit</p> <p>6. Glyceamic effect of fruits in diabetic patients is largely not clear and hence the basis of this study. Correct as Glycemic effect of fruits in diabetic patients is largely not clear and hence the basis of this study.</p> <p>7. The mice were purchased from Animal farm of Ebonyi State University,Abakaliki and kept in our laboratory,well fed and with water for 7days for proper acclimatization. Correct as The mice were purchased from Animal farm of Ebonyi State University, Abakaliki and kept in our laboratory, well fed and with water for 7days for proper acclimatization.</p> <p>8. Healthy fresh water-melon,pinapple,orange and banana fruits were bought regularly according to demand at major market in Abakaliki metropolis. Correct as Healthy fresh water-melon, pineapple, orange and banana fruits were bought regularly according to demand at major market in Abakaliki metropolis.</p> <p>9. water melon, pinapple, orange and banana) and water for 14 days. Blood specimens were taken every other day from the animals by passaging for glucose correct as water melon, pineapple, orange and banana) and water for 14 days. Blood specimens were taken every other day from the animals by passaging for glucose</p> <p>10. Comparison of glyceamic index of the test animals (n=20) with the control animals (n=20) by student t-test showed no significant difference at P < 0.05. Five days glyceamic index of both the test animals and control animals after treatment</p>	

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	<p>correct as Comparison of glycemic index of the test animals (n=20) with the control animals (n=20) by student t-test showed no significant difference at P < 0.05. Five days glycemic index of both the test animals and control animals after treatment</p> <p>11. Disperity of blood glucose levels of our study animals (treated and control) did not show significant difference (p≤05).Largely, a combination of a fruit with low glycaemic index (water-melon) with those with high glycaemic index (pinapple,orange and banana),(Diabetes myths.2018.http:www.diabetes.org/diabetes-basics/myths.), were used in the study. Nevertheless, significant difference wasnot observed between blood glucose levels of the two study groups. Correct as Disparity of blood glucose levels of our study animals (treated and control) did not show significant difference (p≤05).Largely, a combination of a fruit with low glycaemic index (water-melon) with those with high glycaemic index (pineapple, orange and banana),(Diabetes myths.2018.http:www.diabetes.org/diabetes-basics/myths.), were used in the study. Nevertheless, significant difference was not observed between blood glucose levels of the two study groups.</p>	
Optional/General comments	Good novel useful article	

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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