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Journal Name:	**International Journal of Biochemistry Research & Review**
Manuscript Number:	**Ms_IJBCRR_42234**
Title of the Manuscript:	**Hypoglycemic Effect of Manniophyton Fulvum Aqueous Root Extract on Streptozotocin-Induced Hyperglycemic Wistar Rats**
Type of the Article	**Original Research 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.
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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	There have been few studies reported an effect of *M. fulvum* aqueous root extracts on diabetes mellitus. Therefore, the study has a significant scientific merit for publication. However, there are several points to be clarified in the manuscript. 1. Oral administration of streptozotocin is a rare method to induce or maintain DM. Please cite papers or provide the data of their pilot studies which justify it as the established experimental method to induce DM in rats. 2. Eight rats were randomly divided to five experimental groups after intraperitoneal injection of STZ. However, the results in Figs 1-6 showed the data of 5 rats per group. There are three missing data per group without any explanation. Please provide the scientific reason to omit or exclude three data per group in those experiments. 3. Authors isolated plasma samples from blood for biochemical assays. However, they later described they measured serum levels of various markers. Please clarify which samples, plasma or serum, did authors use for measurements of glucose, liver enzyme, and oxidative stress markers. 4. In line 251, MDA levels did not increase in STZ+MF1 or 2 compared with STZ alone. 5. In discussion, authors should discuss more pharmacological or chemical aspects of *M.fulvum* extracts, if they are known, than rephrasing the results. For example, the extracts contain which polyphenols, that have been known to improve DM condition- hyperglycemia, lipid abnormalities, and oxidative stress. Those would provide some potential mechanistic insights for the future studies.	
Minor REVISION comments	1. There are typos throughout the manuscript. 2. "Streptozotocin-induced rats" should be changed to streptozotocin (STZ)-induced DM rats. 3. There is a missing literature in references. *Journal of Biology and Genetic Research* 1(8): 23-30, 2015. 4. In figure 7, what do black arrows indicate? In the legend (C), the word "degeneration" is inappropriate.	
Optional/General comments		

Reviewer Details:

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