SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Medical and Pharmaceutical Sciences
Manuscript Number:	**Ms_AJRIMPS_46818**
Title of the Manuscript:	**Anti-hyperglycaemic and Mode of Action of Thaumatococcus danielli (BENN.) BENTH Ethanol Leave Extract in Streptozotocin-Induced Diabetic Rats**
Type of the Article	**Original Research Paper**

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)

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	1. Number of rats per group (5) is quite small. 2. Since you used Streptozotocin to destroy the beta cells of pancreas, you worked with type 1 DM and should not have expected the effect of the plant and the standard drug, Glibenclamide in increasing insulin release. What cells which are not the beta cells of pancreas could release insulin? You should consider other mechanism of action of Glibenclamide in reducing blood glucose and use these mechanisms to discuss your data.	1. The number of rats in the groups was in accordance with standard of grouping of animals in experimental studies. Besides, animals were selected into the treatment groups after induction of DM, so only animals confirmed hyperglycaemic were used in the study, and all were used subsequently for biochemical analysis. 2. The authors never related the insulin releasing effects of Gilbenclamide with the mechanism of hypoglycemic effects of the extracts. The authors did not however rule out the possibility of the extracts to play role in restoring pancreatic function
Optional/General comments		

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?	*(If yes, Kindly please write down the ethical issues here in details)*	