Author's response to reviews

Title: Antidiabetic, Renal/hepatic/pancreas/cardiac protective and antioxidant potential of methanol/dichloromethane extract of Albizzia Lebbeck Benth. stem bark (ALEx) on streptozotocin induced diabetic rats.

Authors:

Danish Ahmed (danish.ahmed@shiats.edu.in)
Vikas Kumar (phvikas@gmail.com)
Amita Verma (amitaverma.dr@gmail.com)
Pushpraj S Gupta (image24@rediffmail.com)
Hemant Kumar (drhemantkumar16@gmail.com)
Vishal Dhingra (vishaldhingra9@yahoo.com)
Vatsala Mishra (vatsala.m@rediffmail.com)
Manju Sharma (manju_sharma72@yahoo.com)

Version: 4 Date: 26 May 2014

Author's response to reviews:

Title: Antidiabetic, Renal/hepatic/pancreas/cardiac protective and antioxidant potential of methanol/dichloromethane extract of Albizzia Lebbeck Benth. stem bark (ALEx) on streptozotocin induced diabetic rats.

Answer to Reviewer Comments:
Reviewer #1- Alberte Fransis.

Minor Essential Revision:
1. Repetition of word in the title has been removed accordingly.
2. Grammatical errors and spelling mistakes in the background section have been rectified.
3. In Animal Section: The reason for performing experimentation on the male rats and not on the female rats was because of the hormonal fluctuation (oestrogen/progesterone) during menstrual cycle that could affect the results. Another reason is that male and female rats have different catabolism; therefore the herbal extract can be differently disposed. (Sex differences in nuclear receptor-regulated liver metabolic pathways. Biochim Biophys Acta. 2011 Aug;1812(8):964-73)
4. Make of Rotavapor has been mentioned.
5. “On” has been added in the subtitle “Effect of ALEEx on weight variation”.
6. Spelling effect of ALEEx on histopathology of pancreas, kidney, liver and heart has been corrected.
7. In discussion section: Spellings have been rectified accordingly.
8. Spelling mistakes and grammatical errors in the manuscript have been
rectified.

9. Author contribution: Contribution of Pushpraj S. Gupta has been included accordingly.

10. References: References No. 6, 18, 21, 22 and 44 have been corrected according to the journal’s style.

Answer to Reviewer Comments:
Reviewer #2- George Dr Lansner
Minor Essential Revision:
1. The name of the plant has been made to italics in the whole manuscript.
2. Background Section: Spelling mistakes and grammatical errors has been rectified.
3. Experimental Design Section: Dose of DMSO has been mentioned. As far as the toxicity of the DMSO has been concerned, there are evidences from previous research works that the dose of 9 ml/kg can occasionally showed any changes in the rats (Noel PR, Barnett KC, Davies RE, Jolly DW, Leahy JS, Mawdesley-Thomas LE, Shillam KW, Squires PF, Street AE, Tucker WC, Worden AN: The toxicity of dimethyl sulphoxide (DMSO) for the dog, pig, rat and rabbit, Toxicology. 1975;3(2):143-69). And we have taken 3 ml/kg as dose of DMSO.
4. Biochemical Evaluation Section: Grammatical mistakes have been corrected. And has been inserted in between under light under anesthesia.
5. Discussion Section: Portal trial has been replaced with portal triad.
6. Author contribution section: The contribution of Pushpraj S. Gupta has been added.
7. References: Disarranged references have been arranged according to the journal’s standard.