

Review Form 3

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_122009
Title of the Manuscript:	METFORMIN AND CAFFEINE'S INFLUENCE ON LIPID PROFILE INDICES OF STREPTOZOTOCIN-INDUCED DYSLIPIDEMIA
Type of the Article	

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This is an interesting article highlighting the effects of Metformin and Caffeine on the blood glucose levels and lipid profile in rats. The author has carefully divided the subjects into five categories, which is commendable. I think it would have been good to have another group that received both, Metformin and Caffeine to see their combined effect. Also it would have been good if they included the diet received by the rats as it can affect both the parameters measured. But nonetheless, it is a great article which can be used as a cornerstone in future studies in combating diabetes in human population.	
Is the title of the article suitable? (If not please suggest an alternative title)	Please consider changing it to the following: The Effect of Metformin and Caffeine on blood glucose levels and lipid profile indices in rats with Streptozotocin-induced hyperglycemia and dyslipidemia	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	I think it comprehensive and easy to understand.	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	I think the author has done a great job with the discussion part and added all the relevant similar studies. However, I think the author should consider the possibility of Type 1 DM in the subjects receiving Streptozotocin given the mechanism of action of the drug on beta cells of pancreas. The proposed mechanism of the effect of Metformin and Caffeine on blood glucose levels and lipid profiles are accurate scientifically, however, I would also like to know if they can be helpful in T1DM.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes they are sufficient, recent and relevant.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	I think it needs some fixing as there are a few errors with the grammar and syntax.	
Optional/General comments		

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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