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Journal Name:	**International Journal of Biochemistry Research & Review**
Manuscript Number:	**MS: 2013_IJBcRR_6009**
Title of the Manuscript:	**Cross talk between oxidative stress, PPAR- γ and RAS system in diabetic rat heart exposed to ischemia / reperfusion injury**
Type of the Article	**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)

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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	**This manuscript address an important subject , on the effect of PPAR-gamma agonist in the diabetic heart.** **The study compares Pioglitazone with Vit E and Metformin and evaluates the benefits by studying both molecular mechanisms as well as physiologic parameters.** **I have major concerns with the measurements of Angiotensin Receptor (AT2R) and Acetyl Choline esterase (ACE2).** **The methods section indicates that the measurements were done using Real time PCR. However the results section shows the results measured as mg/ml. Real time measurement of gene expression are always expressed in relation to an internal standard which is most commonly 18s RNA. Also there is no description of Primers used for amplification of these transcripts.** **The description of the methods and values shown in results for gene expression makes me question the reliability of the key parameters which are then used as standards to evaluate and compare the three important agents in their role in cardio- protection.**	-The measurements were done using gel documentation system for semi-quantitation. No Real time PCR was done. -Methods have been mentioned in details

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Minor REVISION comments	1. Several abbreviations are used. For example: MDA, AT2R, ACE2, ROS, RAS. Please include a key or expand the abbreviation the first time it is used in the manuscript. 2. Methodology in the manuscript needs to be descriptive enough for the reader to understand and replicate, or relevant reference describing the method needs to be included.	-Done. -Done
Optional/General comments		