



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	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

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The manuscript entitled : "Cross talk between oxidative stress, PPAR- γ and RAS system in diabetic rat heart exposed to ischemia / reperfusion injury" , has been revised according to the suggestions, however there are two important concerns which need to be addresses as indicated below. 1. Methods section: 30 mg of heart tissue was extracted using standard procedures and ----- eluted in -100 ml nuclease free water -----the elution tube containing the purified RNA capped and stored at -70°C. Please verify the volumes and tissue weight is correct. Was RNA elution done in 100 ml of water? 2. The unprotected diabetic rats group 2 showed significant increase in the level of AT_2R and ACE_2 gene expression in cardiac tissue ($\mu\text{g}/\text{ml}$ homogenized tissue): The levels of AT_2R and ACE_2 gene expression have been reported as $\mu\text{g}/\text{ml}$ homogenized tissue. The methods described indicate that AT_2R, ACE_2 and β-actin (house-keeping gene) were amplified and separated on agarose gel. The quantitation of AT_2R and ACE_2 should be expressed as a ratio of AT_2R: β-actin to the house keeping gene and ACE_2 : β actin the house keeping gene. This is the standard method of reporting gene expression. This is standard method for reporting, whether the data is gathered by analysis of: semi-quantitative RT PCR, or northern blots or real time PCR.	30 mg heart tissue, and 100μl nuclease free water. This was corrected in the revised manuscript. (pages 4&5)Lines 130-160 (all the volumes are in μl) We did semi –quantitation using gel documentation system. The final values are ratios to β-actin (the house keeping gene). So, the units were deleted in the revised version. (Page 7, line 216 & Table 2)