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Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2013_IJBcRR_8809
Title of the Manuscript:	CHRONIC ALCOHOLISM-MEDIATED METABOLIC VIOLATIONS IN ALBINO RATS BRAIN
Type of the Article	Original Research Article

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	1. Estimation of CYP2E1 and CYP3A2 was compared to beta-actin using semi-quantitative RT-PCR. This can be performed using a sensitive quantitative PCR technique for greater accuracy 2. Histology of ethanol exposed brain sections will be useful in connecting the upregulation of cytochrome P450 gene expression, and cellular defects, such as cell morphology and cell death. 3. The results obtained using the activity analysis for SOD and catalase were not discussed in the discussion. Since they are important antioxidant enzymes, their role is important in relevance to CYP450s and nitric oxide synthase enzymes 4. A number of grammatical errors were found in the manuscript. The paragraphs could be grouped together in the parts of discussion to maintain continuity of information.	1. We realize limits of semi-quantitative RT-PCR, but unfortunately at present it's all what we dispose. Thus we compared peak intensity of CYP2E1 and CYP3A2 amplification products of each sample with corresponding peak intensity of house-keeping gene, also we applied the data statistical processing to obtain statistically reliable results. 2. Alcoholic's brain tissues histological investigations are numerous, thus we considered possible not repeat them and use some previous publications for our results comprehension [for example references # 1, 2, 4]. 3. The discussion concerning SOD and catalase activities was added. 4. The manuscript was checked for grammatical errors and paragraphs were grouped.
Minor REVISION comments	1. Ornithine was misspelt throughout the paper.	1. We corrected this misspelling.



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<u>Optional/General</u> comments	1. Information regarding the amino acid functions could be moved from the discussion to introduction, and the discussion of the results could be elaborated.	1. For obtaining integral scheme of metabolic changes noted in our experiments it is necessary to include information regarding to amino acids functions into discussion.