SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	**Ms_AJRB_42223**
Title of the Manuscript:	**THE EFFECT OF PROTEIN TYROSINE PHOSPHATASE 1B INHIBITOR ON GLUCONEOGENESIS INVITRO**
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)

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) The title is irrelevant with the content. The title can be changed to "THE IN VITRO EFFECT OF PROTEIN TYROSINE PHOSPHATASE 1B INHIBITOR ON FAT ACCUMULATION".** **2) A clear conclusion should be added at the end of the abstract.** **3) The protein phosphorylation should be measured in the work of this article. This is a critical issue.** **4) Figure 2is inacceptable. Two points only for the graph. How?** **5) What is the importance of the data of protein concentration in Table 1.** **6) The "discussion should be rewritten.**	1) The authors agreed to change the title. The suggested title can be "DETECTION OF LIPOTOXICITY IN LIVER" 2) The abstract was rewritten 3) The protein phosphorylation are being carried out, and not ready to publish. Thus, we changed the paper title. 4) Figure 2: the signals (absorbance) was measured at 570 nm following the change of time. From the absorbance, we calculate % reduction. 5) Table 1 shows the difference of protein amount in treated and untreated cells, and in suspension and pellet. 6) We think the discussion is related to the obtained results, so it is not necessary to rewrite.
Minor REVISION comments	**Figures 4 and 5 should be merged in one figure.**	No, figure 4 and 5 are different so they can't be merged: - Figure 4: Fluorescent intensity of **unstained** control and treated HepG2 cells - Figure 5: Fluorescent intensity of **stained** control and treated HepG2 cells
Optional/General comments		