



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2013_IJBcRR_6262
Title of the Manuscript:	Effects of Orlistat and herbal mixture extract on renal function and oxidative stress biomarkers in a rat model of high fat diet

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
In this version, important data have been removed from Materials, such as doses of Orlistat and herbal mix. The dose of PSE in Moreno et al. appears in line 505, but it is difficult to compare with the herbal dose of this paper. Now, diet is worse explained. Actually, the aim of the study is not fulfilled, since the potency of herbal extracts against Orlistat is not discussed in the discussion, compared or concluded. I think that both treatments (Xenical and herbal mixture) are so different as to compare their effects. Do both treatments improve renal function to the same extent? (lines 634-637) If phytoestrogens are mentioned (line 498), their action should be explained. HO-1 protein has not been defined before (line 550), and its function has not been explained.	The dose of orlistat is in 2nd group had high fat diet plus 2 mg/kg bw/day Orlistat and 3rd group had high fat diet plus 5 mg/kg bw/day pumpkins and 2 mg/kg bw/day nutshell extract. - Diet was explained in details in page 2&3 with references. The aim have been fulfilled concerning the role of the induction of obesity and role of herbal mix on improving the obesity parameters and its role in changing the affected renal function test and oxidative markers and this is mentioned in the discussion. In this concern available cheaper natural herbs act as drugs orlistat in treating obesity problems. Both improve renal function to the same extent -Phytoestrogens reduce serum cholesterol levels by the inhibition of cholesterol absorption and hepatic cholesterol esterase. On the other hand, it had been shown to lower LDL cholesterol equivalently in hypercholesterolemic persons by suppressing cholesterol absorption. -HO1 defined and function have been added, (is the inducible isoform of the HO system. It is a rate limiting enzyme which converts heme into equimolar



SDI FINAL EVALUATION FORM 1.1

Does the rise in the ion-activity product of calcium oxalate (line 614) refer to this article or to a reference? “after termination of this study” (line 616) should be replaced for “at the end of this study” or something like that. I am not agree with figures because O22 and H22 do not mean that rats have been fed with Orlistat or herbal mixture for 22 weeks, but for 6 weeks. A lot of mistakes still appear in this paper: Once an abbreviation is given when the term appears for its first time, it should be written throughout the text. On the page of lines 468-517, there are many mistakes with abbreviations. If High fat diet (HFD) appears on the first page of article, why is given in line 511 again? HFD should be written, instead of High fat diet. Pancreatic lipase is defined as PL in line 475, but not before in line 468. Another clear example; PSE is defined in the second paragraph of the article as peanut shell extract. Then, it is also unnecessarily defined throughout the text (line 474, etc). Finally, PSE is defined again in line 578 but wrongly, as EPS? To define an abbreviation in line 620 of the article does not make sense. Parenthesis are misused. For example, (LDL-C) appears with unnecessary parenthesis in line 485, such as BMI in line 523, line 82, line 98, etc. On the same page, rpm is written in two different ways: rpm (line 128) and r.p.m. (line 136). The way of writing is not rigorous.	amounts of iron, carbon monoxide and biliverdin. HO-1 is thought to have antioxidant and cytoprotective roles. It refer to reference Korzets et al and at the end of this study have been added It has been replaced -The letter 22 w and name of groups have been indicated in the figures The label in figures have been changed to be clear that weeks are indicated as 22W for abbreviation and so on -It have been corrected and abbreviation have been fixed in the first appearance and then use abbreviation It has been corrected Changed into rpm - It have been removed
---	--



SDI FINAL EVALUATION FORM 1.1

(bad) should be removed from line 497. From line 117 to 124, information about energy is repeated. In line 110, I assume that °C is forgotten. In line 156, °C should be written in capital letter. References do not follow reference style of this journal. Some references titles appear between commas ("). Figure captions are too long and similar to a part of discussion. They should only explain the figure by themselves, not discuss the results. In table I, the number of decimals should be equal in means and SEM. After comma, no capital letter (line 54).	- I removed the repeated sentences and rewritten again. - °C was put and °C was written in capital letter. - I followed references as reference style of this journal and I've followed all the steps in writing references as SDI template. Also, I removed titles which appear between commas. - I shorten it and it explained the figure by themselves. We removed the explanation as it in the discussion and the figure explain themselves by letters which is the best way to express the differences between groups The number decimal become equal It have been deleted while the abbreviation still capital
--	---