



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_27764
Title of the Manuscript:	ROLE OF OXIDATIVE STRESS MARKER MDA IN TYPE 2 DIABETES MELLITUS ASSOCIATED WITH HYPERLIPIDEMIA
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. TBARS is an unspecific technique with several drawbacks, you should comment on this and the controls performed to account for it (measure the absorbance of diluted plasma alone). 2. For how long the samples were stored before lipid oxidation was assayed? Was oxygen removed or an antioxidant added? This may be a concern since in frozen samples the rate of oxidation (as the rate of any other reaction) is lowered but it doesn't stop completely. 3. You have to define better the DM patients: were they under treatment? The diabetes was well controlled? Did the treatment influence the results? If possible, you should present a table with the population characteristics (age, sex, blood pressure, etc). Are the factors previously mentioned influencing the results or making any bias? 4. All the reagent providers and the equipment used are missing, you should add them. 5. Define FPG and any other abbreviation used the first time you use it. 6. Just one reference from 2008 in the draft has less than 10 years, you should update them. Also several references are missing. If an author is named (for example in lanes 30 and 46: "According to AUTHOR NAME" the adequate reference should be introduced.	



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Minor REVISION comments	There are several typographic mistakes (additional and missing spaces), revise (mainly in the abstract section). Page 1, line 25 use lower case in Increased. In line 26, correct secretaory. Correct the symbol used in free radicals (use dot) in lines 39, 51 and so on. In the phrase: encompassing lines 106-110 you are describing the same feature twice. In table 1, you should revise the significant figures for MDA values. Lines 154-155, the phrase repeats the same result described in the previous paragraph and the use of the word "association" is unwise.	
Optional/General comments		

Reviewer Details:

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