



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_55491
Title of the Manuscript:	ASSESSMENT OF CARDIOVASCULAR DISEASE RISK IN PREDIABETES
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:

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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	<ul style="list-style-type: none"> -In the table replace each different p value with $p < 0.05$ and/or $p > 0.05$. Please replace it. -I would like to see the medications used in both study groups as anti-ischemic and anti-diabetics. -Indeed, hypoglycemic drugs as metformin showed favourable effects on patients with prediabetes by distancel (Front Physiol. 2018 Aug 21;9:1030. doi: 10.3389/fphys.2018.01030; Int J Mol Sci. 2019 Mar 6;20(5). pii: E1153. doi: 10.3390/ijms20051153) and local (Diabetes Care. 2019 Oct;42(10):1946-1955. doi: 10.2337/dc18-2356) anti-inflammatory/oxidative effects, that could have negative effects on endothelial coronary functions and cardiovascular system. Please discuss this point and cite the suggested references. -Intriguingly, the peri-coronary fat surrounding coronary arteries is an active source of inflammatory/oxidative stress molecules (Cardiovasc Diabetol. 2019 Sep 30;18(1):126. doi: 10.1186/s12933-019-0931-0), such as the endothelium, atherosclerotic plaque and the thrombus inside the coronary vessels (J Cell Physiol. 2020 Feb;235(2):1438-1452. doi: 10.1002/jcp.29064). In my opinion these points have to be clearly discussed in the present study. Indeed, they show the importance of pre-diabetes and insulin resistance as main contributors from one side of over inflammation/oxidative stress and from the other side of endothelial dysfunction, atherosclerotic plaque instability and adverse cardiac events (Curr Pharm Des. 2020 Feb 13. doi: 10.2174/1381612826666200213123029). Please discuss these points, it is relevant for your article. -from the Discussion remove the sentence "The current study aimed to investigate..., because in anyway this is not the Introduction. Correct it. -Please short the Discussion about 2 and half, 3 pages. -improve quality of figures and tables. -improve English form of the text. 	
Minor REVISION comment	Improve quality of figures and tables.	
Optional/General comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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