ESPS PEER REVIEW REPORT

Name of journal: World Journal of Diabetes
ESPS manuscript NO: 13840
Title: Oxidative stress, insulin resistance, dyslipidemia and type 2 diabetes mellitus
Reviewer code: 02945519
Science editor: Fang-Fang Ji
Date sent for review: 2014-09-04 08:59
Date reviewed: 2014-10-26 22:51

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] Existing	[ ] High priority for
[ ] Grade C: Good	[ ] Grade C: A great deal of	[ ] No records	publication
[ ] Grade D: Fair	language polishing	BPG Search:	[ ] Rejection
[ ] Grade E: Poor	[ ] Grade D: Rejected	[ ] Existing	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

I agree with the authors that dietary modifications and antioxidant drugs may substantially reduce the risk of developing several other chronic diseases by ameliorated oxidative stress. I particular appreciated the complete description of all mechanism involved in the sodium balance. An important goal of future clinical investigations should be the development and implementation of antioxidant interventions with improved oral bioavailability targeted to be a critical site of oxidant overproduction in conditions of insulin resistance and lifestyle change remains the best preventive and therapeutic approach.

ESPS PEER REVIEW REPORT

Name of journal: World Journal of Diabetes
ESPS manuscript NO: 13840
Title: Oxidative stress, insulin resistance, dyslipidemia and type 2 diabetes mellitus
Reviewer code: 00225357
Science editor: Fang-Fang Ji
Date sent for review: 2014-09-04 08:59
Date reviewed: 2014-11-07 17:04

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
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[Y] Grade D: Fair	language polishing	BPG Search:	[ ] Rejection
[ ] Grade E: Poor	[ ] Grade D: Rejected	[ ] Existing	[ ] Minor revision
		[ ] No records	[Y] Major revision

COMMENTS TO AUTHORS

The present review addresses the mechanisms underlying the organ damage in insulin resistance via the detrimental effects of oxidative stress. The review is comprehensive and detailed however suffers of some limitations that need to be addressed: 1. It is very long and there is too much biochemistry. Authors should make clearer what is the object of the review; the target audience (physicians? Chemists? Basic scientists?) and shape it in order to make it readable. 2. Open access does not pose page limits but 35 pages and 300 references is far too much! There is a wealth of information but the review is unfocused and in some parts hard to follow. 3. Please delete all the formulas 4. Report some of the data in figure format to make the final message clearer