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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes
ESPS manuscript NO: 22334
Title: Novel nutraceutic therapies for the treatment of metabolic syndrome
Reviewer's code: 00058872
Reviewer's country: Italy
Science editor: Jin-Xin Kong
Date sent for review: 2015-08-30 18:08
Date reviewed: 2015-08-31 05:51

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

COMMENTS TO AUTHORS

At least one time Authors should refer to NAFLD, universally recognized as strictly linked to Metabolic Syndrome, quoting one of the most recent and comprehensive reviews on this hot topic, completely overlooked. What about non-alcoholic fatty liver disease as a new criterion to define metabolic syndrome? World J Gastroenterol. 2013 Jun 14;19(22):3375-84.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes
ESPS manuscript NO: 22334
Title: Novel nutraceutic therapies for the treatment of metabolic syndrome
Reviewer's code: 01196818
Reviewer's country: Taiwan
Science editor: Jin-Xin Kong
Date sent for review: 2015-08-30 18:08
Date reviewed: 2015-08-31 16:28

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

COMMENTS TO AUTHORS

In this review article, authors focused on berberine, bitter melon, Gymnema sylvestre, Irvingia gabonensis, resveratrol and ursolic acid as nutraceutic therapies for metabolic syndrome. I like to give the following comments. 1. Rationale for you to pick up these nutrients only shall be explained in the introduction in detail. 2. Effective dose of each nutrient was not mentioned either in animals of human subjects. 3. Effect of each nutrient on body weight and/or feeding behavior was not conducted. 4. Curcumin is more popular than Gymnema sylvestre or Irvingia gabonensis. But it was involved in this article. Why? 5. Conclusion is too simple and without novelty. Additionally, perspectives of nutraceutic therapies were not included.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes
ESPS manuscript NO: 22334
Title: Novel nutraceutic therapies for the treatment of metabolic syndrome
Reviewer's code: 00506390
Reviewer's country: United States
Science editor: Jin-Xin Kong
Date sent for review: 2015-08-30 18:08
Date reviewed: 2015-09-14 22:02

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

COMMENTS TO AUTHORS

General Comments: 1. The review has a very interesting and relevant topic, especially with the immergence and prevalence of the MetS. The manuscript is very well written and there are only a few issues that should be addressed to strengthen this review. Abstract: 1. The abstract is very short. A longer, more informational abstract may be warranted (if allowed due to word counts). Berberine: 1. Page 6; Para 1: The authors state "…patients had a remission of 36% ($p = 0.037$) in the presence of MetS and a significant decrease in waist circumference in females (106 ± 4 vs. 103 ± 3 cm, $p < 0.05$), systolic blood pressure (123 ± 7 vs. 115 ± 9 mmHg, $p < 0.01$), and triglycerides (2.4 ± 0.7 vs. 1.4 ± 0.5 mmol/L, $p < 0.01$)[12]." Are the changes in SBP and Triglycerides also in females only? The wording is a bit confusing and may suggest that these changes are all in females only. Suggest clarifying. 2. Page 7; Para 1: The authors state "Male db/db mice were given sterile….." Please clarify what db/db mice are and why these type may be significant. 3. Page 9; Para 1: The authors state "Except for waist circumference…." How much did the waist circumference decrease?