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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 13858

Title: Role of diet as a link between oxidative stress and liver diseases

Reviewer code: 00227509

Science editor: Ya-Juan Ma

Date sent for review: 2014-09-04 17:10

Date reviewed: 2014-09-19 12:07

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

In this manuscript, Arrigo and the colleagues summarized the role of diet on oxidative stress, inflammation, and liver function very well. However, there are some concerns remaining as following comments. 1. The authors described the effects of PUFAs on liver diseases. How about the effects of saturated fatty acids (SFA)? SFA effects on ROS and inflammation have been already reported in many studies. The authors should describe about the effects in more details. 2. "TNF-a" should be changed to "TNF- α ", and needs abbreviation (page 6). 3. "a-tocopherol" should be changed to " α -tocopherol" (page 9). 4. Please unify the font size of "12" of vitamin B12 (page 11). 5. TLR needs abbreviation (page 15).



ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 13858

Title: Role of diet as a link between oxidative stress and liver diseases

Reviewer code: 00185907

Science editor: Ya-Juan Ma

Date sent for review: 2014-09-04 17:10

Date reviewed: 2014-09-18 03:30

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Refereeing Role of diet as a link between oxidative stress and liver diseases

- Abstract

-This review aim to summarize what is known about the effects of diet nutrients on oxidative stress, inflammation, and liver function.....needs to be rephrased and grammar corrected.

Hence, main nutritional components have been analyzed underlying mechanisms involved into production and/or removal of free radicals, which contribute to the pathogenesis of several hepatic diseases and related comorbidities..... needs to be rephrased and grammar corrected.

- Core tip:

Nutritional intake is a fundamental determinant of health. In addition to conventional therapies, diet has recently been also reported to have hepatoprotective action. In according to these data, the effects of dietary supplementation, influencing oxidant-antioxidant system, on liver function have been also assessed. The aim of this review is summarized the molecular changes incurred by a variety of diets, emphasizing the causal relationships between diet, oxidative stress and liver disease..... All the



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paragraph needs to be clearer, rephrased and grammar corrected.

- Introduction

-Dietary elements has long been known to play..... Dietary elements have long been known to play

- impaire.... impair

- injury is not neutralize by.....???

- Nutrition and hepatic oxidative stress

Here, we discussed the role of..... Here, we will discuss the role of

GSH....elaborate

- Carbohydrates

- and insulin resistance..... and insulin resistance

- nitric NO ???

- Vitamins

-serum Vitamin B12 levels reflects... serum Vitamin B12 levels reflect

- children have not uniformly demonstrated... children have not uniformly demonstrated

- However, resolution of hepatocytes balloning... However, resolution of hepatocytes ballooning

- In humans, vitamin C, an water-soluble electron donor.... In humans, vitamin C, an water-soluble electron donor

- founded no evidence to support.... found no evidence to support

- Minerals

-has hypothesized in the.... was hypothesized in the

- expression of ferroportin could favours iron accumulation... expression of ferroportin could favour iron accumulation

- Total parenteral nutrition and hepatic oxidative stress

- promoting lipid storage in hepatoc cells [114, 115].....

- Conclusions



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- Additionally, might also be useful underline a potential correlation between diet nutrients and serological, histopathological, and molecular confirmation.....needs re-phrasing
- Moreover, it must be also considered that more likely some patients are genetically more susceptible than other to poor diet... needs re-phrasing