

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 32421

Title: Oxidative stress, antioxidants and intestinal calcium absorption

Reviewer's code: 03335792

Reviewer's country: United States

Science editor: Jing Yu

Date sent for review: 2017-01-09 09:08

Date reviewed: 2017-01-24 10:09

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> [Y] Grade B: Very good	<input type="checkbox"/> [Y] Grade B: Minor language polishing	<input type="checkbox"/> [] The same title	<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"/> [] Duplicate publication	<input type="checkbox"/> [] Rejection
<input type="checkbox"/> [] Grade D: Fair	<input type="checkbox"/> [] Grade D: Rejected	<input type="checkbox"/> [Y] No	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> [] Grade E: Poor		BPG Search:	<input type="checkbox"/> [] Major revision
		<input type="checkbox"/> [] The same title	
		<input type="checkbox"/> [] Duplicate publication	
		<input type="checkbox"/> [] Plagiarism	
		<input type="checkbox"/> [Y] No	

COMMENTS TO AUTHORS

A well written review paper with minor editorial and factual suggestions. 1. In the Introduction Section and some other sections, there is a need to provide clarity whether "ROS/RNS" implies "ROS or RNS", "ROS and RNS" or "ROS and/or RNS". 2. A sentence in the middle paragraph on page 7 reads incomplete and would need correction - "if the redox environmentpromotes apoptosis or necrosis". 3. Page 8: It would be nice if some discussion about the role of xanthine dehydrogenase, xanthine oxidase and Molybdenum (Mo) are included in this section. They play a vital role in endogenous oxidation & reduction reactions, some of which are linked to esophageal cancer. 4. Page 10: Does excess Calcium dampens the activities of SODs and other important endogenous antioxidant enzymes?

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 32421

Title: Oxidative stress, antioxidants and intestinal calcium absorption

Reviewer's code: 03476668

Reviewer's country: United States

Science editor: Jing Yu

Date sent for review: 2017-01-09 09:08

Date reviewed: 2017-01-24 23:46

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The manuscript by Barboza et al entitled "Oxidative stress, antioxidants and intestinal calcium absorption" explains the effect of redox imbalance in calcium absorption in the intestine. This is very well done complied review, very supportive, and descriptions do support the conclusion. However, there are some specific comments as follows: Specific comments: 1. Title looks incomplete. Please modify it accordingly. 2. There are minor typo errors. Please go through the manuscript and carefully correct them. 3. Are there any FDA approved or synthetic agents available other than Quercetin, melatonin, lithocholic and ursodeoxycholic acids, which can block the effect of GSH depleting drugs?