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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology

ESPS manuscript NO: 24168

Title: Relationship and interactions of curcumin with radiation therapy

Reviewer's code: 00742507

Reviewer's country: United States

Science editor: Shui Qiu

Date sent for review: 2016-01-15 11:57

Date reviewed: 2016-01-16 01:41

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input 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"/> 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 checked="" type="checkbox"/> 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 checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Solid review of relationships between radiation therapy and curcumin. Solid data and excellent list of references support conclusions, which are relevant to cancer research and clinical practice.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology

ESPS manuscript NO: 24168

Title: Relationship and interactions of curcumin with radiation therapy

Reviewer's code: 02445450

Reviewer's country: United States

Science editor: Shui Qiu

Date sent for review: 2016-01-15 11:57

Date reviewed: 2016-01-24 09:17

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 type="checkbox"/> Grade B: Very good	<input 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 type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> No	<input type="checkbox"/> Minor revision
		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"/> No	

COMMENTS TO AUTHORS

This review is well written and provides decent amount of information and references related curcumin usage for radiation therapy in cancer patients. According to the author, there are two mainstays: radiosensitizer and radioprotection. About radioprotection, it sounds curcumin has realistic possibility of success in cancer patients with radiation mucositis/colitis. The action mechanism as a radiosensitizer looks lacking in enough evidence, mainly because curcumin is not absorbed from mucosal surfaces into the inside of the body. If the author can add explanations of metabolic pathways of curcumin, that would be helpful. Even if the author cannot find out references regarding curcumin metabolism, this review is worth publishing.