

PEER-REVIEW REPORT

Name of journal: *World Journal of Pharmacology*

Manuscript NO: 87821

Title: Natural isothiocyanates of the genus Capparis as potential agonists of apoptosis and antitumor drugs

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06290020

Position: Peer Reviewer

Academic degree: N/A

Professional title: N/A

Reviewer's Country/Territory: Brazil

Author's Country/Territory: Israel

Manuscript submission date: 2023-08-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-09-04 23:50

Reviewer performed review: 2023-09-14 23:00

Review time: 9 Days and 23 Hours

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Novelty of this manuscript	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Good <input type="radio"/> Grade C: Fair <input type="radio"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Good <input type="radio"/> Grade C: Fair <input type="radio"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Title: Natural isothiocyanates of the genus Capparis as potential agonists of apoptosis and antitumor drugs by Hanuš et al. Cancer is a severe and progressively advancing disease. In this context, the study by Hanuš et al. sheds light on the field of Phytomedicine based on medicinal plants in cancer. These authors have focused on isothiocyanates, which exhibit active and significant anticancer activity, along with their anticancer compounds. In this manner, these authors have endeavored to establish a scientific foundation for the traditional use of this medicinal plant in cancer treatment. #I have observed that the topic exhibits originality and relevance within the field, effectively addressing a specific gap in current research. #The methodology is fine and no further control is required. #I found the conclusion to be in line with the evidence and arguments presented. #The references are well-updated. #The Figures and Tables are ok. #Only minor English language editing is required. Overall Nice Work!