

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 68218

Title: STAT3-mediated activation of mitochondrial pathway contributes to antitumor effect of dihydrotanshinone I in esophageal squamous carcinoma cells

Reviewer's code: 03258917

Position: Editorial Board

Academic degree: PhD

Professional title: Professor, Senior Scientist

Reviewer's Country/Territory: Spain

Author's Country/Territory: China

Manuscript submission date: 2021-05-20

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-21 09:18

Reviewer performed review: 2021-05-25 21:12

Review time: 4 Days and 11 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" 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 checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This manuscript by Qi et al is quite interesting, well written, the findings are original and of relevance. The methods to achieve the objectives are numerous and well described. Minor comments: - Final concentration of DMSO employed must be appointed. - It is recommended the introduction of a control without treatment in the proliferation assay. - KYSE30 cells line needs lower concentration of DHTS to achieve the same inhibition of proliferation. Please, discuss this point. - Figure 3: A and B footnote needs improve to better understand each image. - Description of primers employed in RT - qPCR is missing. - As the convenience of GAPDH as endogenous control in RT-PCR has been recently questioned (doi: 10.1002/pmic.201400577), inclusion of a second loading control gene would be desirable. Major comments: - Overall, to improve the relevance of the results obtained, it is highly recommended the inclusion of a normal epithelial cell line (for example: Het-1A) as control in the proliferation, cell cycle and apoptosis assays...