

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Oncology*

**Manuscript NO:** 79109

**Title:** Folate receptor-targeted near-infrared photodynamic therapy for folate receptor-overexpressing tumors

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06254455

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** Iran

**Author's Country/Territory:** Japan

**Manuscript submission date:** 2022-08-03

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-08-04 14:06

**Reviewer performed review:** 2022-08-08 16:06

**Review time:** 4 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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 Grade E: Do not publish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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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#### **SPECIFIC COMMENTS TO AUTHORS**

This manuscript aimed to evaluate the photodynamic therapeutic efficacy of FolateSiR-1 in preclinical cancer model and the cell death mode induced by FolateSiR-1-based PDT. It is an interesting and well written article; however, I suggest trying to condense the discussion by reducing the amount discussed about the findings (it's a repeat of the "results" part) and the author should use references for the raised claims and hypothesis (some of the claims have no references and cannot be considered scientific.).

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**Reviewer's code:** 05817547

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Postdoctoral Fellow

**Reviewer's Country/Territory:** Iran

**Author's Country/Territory:** Japan

**Manuscript submission date:** 2022-08-03

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-08-15 19:28

**Reviewer performed review:** 2022-08-23 20:00

**Review time:** 8 Days

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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#### **SPECIFIC COMMENTS TO AUTHORS**

In this manuscript, the authors have evaluated “Folate receptor-targeted near-infrared photodynamic therapy for folate receptor-overexpressing tumors” Overall, this Manuscript provides valuable and valid data. I do not see any major issues in this Manuscript; the Manuscript can only be accepted after minor revision. A few minor issues need to be addressed, as pointed below: 1-The manuscript must be carefully proofread for grammar, spelling, and punctuation issues.