

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 65912

Title: Nanotheranostics: A powerful next-generation solution to tackle hepatocellular carcinoma

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00069340

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Indonesia

Manuscript submission date: 2021-03-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-19 12:21

Reviewer performed review: 2021-03-19 12:52

Review time: 1 Hour

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 Grade E: Do not publish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

Peer-reviewer statements	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

Ladju RB et al. reviewed the potential role of nanotheranostics in HCC management. The manuscript is well organized and written. Minors: Page 3, in sentence “Worldwide, chronic hepatitis B and C infections account for 44% and 21% of HCC cases, respectively [16], with the highest number of Hepatitis B cases occurring in Asia.”, why the first letter “H” in “Hepatitis B cases” is capitalized? Page 5, in sentence “Based on International guidelines, patients in late stage HCC (intermediate and advanced) can receive palliative treatments such as chemoembolization and systemic therapy,” why the letter “I” in “International” is also capitalized?

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Reviewer's code: 05261716

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Chief Physician, Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Indonesia

Manuscript submission date: 2021-03-18

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-03-24 08:07

Reviewer performed review: 2021-03-26 03:23

Review time: 1 Day and 19 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**Peer-reviewer
statements**

Peer-Review: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

HCC is an epidemic burden and remains highly and increasingly prevalent worldwide. The high mortality rates of HCC is largely due to the tendency of late diagnosis and the multifaceted, complex nature of the treatment. The authors presents the current technological and functional advancements in nanotheranostic technology for cancer in general, and then specifically explores the use of nanotheranostic modalities as a promising option to address the key challenges present in HCC management. The manuscript is well wroten,so I would suggest it publish in WJG if the authors can address the following concerns. 1. There are several grammatical mistake in it, a part of which are noted in the manuscript. The authors should carefully revise the manuscript. 2. The data in it are superficially described. The authors should add the informed data in it. 3. I suggest the authors should list the clinical trials about nanotheranostic modalities in treating HCC.

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Reviewer's code: 05560824

Position: Editorial Board

Academic degree: MD

Professional title: Consultant Physician-Scientist, Medical Assistant, Professor, Research Associate

Reviewer's Country/Territory: Spain

Author's Country/Territory: Indonesia

Manuscript submission date: 2021-03-18

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-04-02 16:31

Reviewer performed review: 2021-04-02 22:56

Review time: 6 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection



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Re-review	<input type="checkbox"/> Yes <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

Correct review of a topical issue