

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53823

Title: Nanomaterials: applications in the diagnosis and treatment of pancreatic cancer

Reviewer's code: 00069774

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's country: Thailand

Author's country: China

Manuscript submission date: 2019-12-31

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-02-14 03:19

Reviewer performed review: 2020-02-15 14:47

Review time: 1 Day and 11 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The manuscript gave overview of nanomaterials. The article provides basic overview of what are nanomaterials and their potential applications in diagnostic propose and treatment. It may be very interesting for readers who are not in the field of nanomaterials. The manuscript is well written and divided into 2 sections: the characteristic of nanomaterials and the applications in brief. Currently there are already several review articles on this subject published in some specialized journals. However, the content in this manuscript is rather superficial and lack of novelty. The manuscript should be revised for updating the content to meet the broader readerships of this journal of WJG. Authors may give a few examples of the nanomaterials that already use in clinical diagnostics, and comment about their clear advantages. The title of this manuscript is telling about the treatment of pancreatic cancer by nanomaterials, although many nanomaterials have already advocated in many cancers. Authors have no mention about the nanomaterial drugs that already uses in clinics. They should give some examples or in Table about drugs that are already in use and in development pipeline. Discussion should be made on their clear clinical advantage of these nanomaterials (that available in several formulations) compared with conventional agents in pancreatic cancers.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

- ☐ The same title
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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53823

Title: Nanomaterials: applications in the diagnosis and treatment of pancreatic cancer

Reviewer's code: 02627036

Position: Editor-in-Chief

Academic degree: PhD

Professional title: Director

Reviewer's country: Romania

Author's country: China

Manuscript submission date: 2019-12-31

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-02-14 07:32

Reviewer performed review: 2020-02-15 18:34

Review time: 1 Day and 11 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
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		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

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1.This article is more of a narrative review or editorial type article. 2.2. Nano biomaterials Words like - various types of cancer, variety of materials, variety of clinical applications, They are generally , but more studies are needed to determine the appropriate clinical solutions, In general, CNT ..., Gold nanoparticles have been found to be widely used in a variety of potential tumor diagnosis and treatment fields., Liposome, which can be applied - Some tips for you: do not use words like generally, variety, more studies, in general, can be - Describe exactly what it is. At the point of each sub-point you must write your conclusion about what others have written, your conclusion write it with subject and predicate. 3.Chapter 3 and Chapter 2 are written completely differently. Congratulations for Chapter 3. 4.Conclusion: - This article reviews some of the current developments in nanomaterials for the diagnosis and treatment of pancreatic cancer - DO NOT USE THE WORD "SOME..." - YOU DESCRIBE DETAILED - The efficacy of nanomaterials depends on many factors, including targeted delivery of nanoparticles to tumor sites, EPR effects, tumor heterogeneity, tumor microenvironment and metastasis prevention, nanobiological interactions, and host-tumor immune crosstalk - - DO NOT USE THE WORD "MANY ..." - YOU DESCRIBE DETAILED; - The synthesis of nanomaterials is also of great importance for the diagnosis and treatment of pancreatic cancer. - DO NOT USE THE WORD "GREAT" - Despite the challenges, more advances in nanotechnology will eventually provide new ways to tackle pancreatic cancer YOUR ROLE IN THIS ARTICLE WAS TO FIND YOU, THE CHALLENGES - THIS IS NOT A CONCLUSION.

INITIAL REVIEW OF THE MANUSCRIPT

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☐ No