

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 75888

**Title:** Multiple Roles for Cholinergic Signaling in Pancreatic Diseases

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

**Peer-review model:** Single blind

**Reviewer's code:** 00077340

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2022-02-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-02-21 00:08

**Reviewer performed review:** 2022-03-06 05:26

**Review time:** 13 Days and 5 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 Grade E: Do not publish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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [ ] Yes [Y] No

#### **SPECIFIC COMMENTS TO AUTHORS**

This article is a review of the involvement of signals from cholinergic nerves in the development of acute pancreatitis, chronic pancreatitis, and pancreatic cancer, based on the activity of cholinergic nerves and their receptor distribution. It is well summarized, describing what is known to date about the association of each disease with cholinergic innervation. Patients with chronic pancreatitis are several times more at risk for pancreatic cancer than healthy individuals. Chronic pancreatitis is not mentioned as a risk for pancreatic cancer in this report, and it would be better if the relationship between chronic pancreatitis, cholinergic nerves, and pancreatic cancer is described. Also, the magnification of the pathology photos in FIGURE should be stated. It would be easier to see if the photos were posted in a larger size.

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**Peer-review model:** Single blind

**Reviewer's code:** 03479389

**Position:** Associate Editor

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Director

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

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

**Manuscript submission date:** 2022-02-20

**Reviewer chosen by:** Qi-Gu Yao

**Reviewer accepted review:** 2022-04-13 23:36

**Reviewer performed review:** 2022-04-13 23:48

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [ ] Yes [Y] No

#### **SPECIFIC COMMENTS TO AUTHORS**

This review describes on the progression and role of cholinergic signaling in pancreatic diseases. Please show the cited literature to the reader in an easy-to-understand manner using figures and tables.

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**Peer-review model:** Single blind

**Reviewer's code:** 02733628

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Doctor, Professor, Surgeon

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

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

**Manuscript submission date:** 2022-02-20

**Reviewer chosen by:** Qi-Gu Yao

**Reviewer accepted review:** 2022-04-17 08:01

**Reviewer performed review:** 2022-04-17 08:15

**Review time:** 1 Hour

<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
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [ ☐ ] Yes [ ☒ ] No

#### **SPECIFIC COMMENTS TO AUTHORS**

Dear Authors, Thank you for sharing your experiences on pancreatic diseases and your article entitled "Multiple Roles for Cholinergic Signaling in Pancreatic Diseases" The article is written in good quality and scientific manner. The topic is important and should be hear by other scientist and doctors. I recommend in publishing article.  
Sincerely

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

**Peer-review model:** Single blind

**Reviewer's code:** 02941357

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Surgeon

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

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

**Manuscript submission date:** 2022-02-20

**Reviewer chosen by:** Qi-Gu Yao

**Reviewer accepted review:** 2022-04-13 17:27

**Reviewer performed review:** 2022-04-18 17:53

**Review time:** 5 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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [ ] Yes [Y] No

#### **SPECIFIC COMMENTS TO AUTHORS**

Hereby I would like to comment on the article entitled: "Multiple Roles for Cholinergic Signaling in Pancreatic Diseases" by the authors Junmin Yang et al et al. The authors present a review of the literature on the role of cholinergic signalling in pancreatic disease. This is a well-written manuscript with an important topic. I have some comments: The authors divide pancreatic disease in acute and chronic pancreatitis and PDAC. The part on PDAC seems not integrated in the rest of the manuscript. The authors could choose to address the interaction of cholinergic signalling on inflammation and cancer more specifically. As a reader it may also help to have a figure showing the different effects. Some of the text is divided between acute and chronic pancreatitis, for example the part on alcohol consumption. I would integrate these parts and describe the effects on acute and chronic pancreatitis in the same paragraph.

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**Title:** Multiple Roles for Cholinergic Signaling in Pancreatic Diseases

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

**Peer-review model:** Single blind

**Reviewer's code:** 05842572

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Full Professor

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

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

**Manuscript submission date:** 2022-02-20

**Reviewer chosen by:** Qi-Gu Yao

**Reviewer accepted review:** 2022-04-17 08:54

**Reviewer performed review:** 2022-04-21 08:20

**Review time:** 3 Days and 23 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
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Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Conflicts-of-Interest: [ ☐ ] Yes [ ☒ ] No

#### **SPECIFIC COMMENTS TO AUTHORS**

The manuscript is exceptionally well-written by talented scientists. It's rare to meet so informative material of excellent quality with good language at the same time. I highly recommend everyone to get acquainted with the contents of the manuscript and, of course, it definitely deserves to be published.