

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63488

Title: Could the burden of pancreatic cancer originate in childhood?

Reviewer's code: 05123031

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Romania

Manuscript submission date: 2021-01-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-16 23:51

Reviewer performed review: 2021-04-17 08:50

Review time: 8 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 Grade E: Do not publish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

SPECIFIC COMMENTS TO AUTHORS

Manuscript Number: 63488 Title: The burden of pancreatic cancer originates in childhood? Pancreatic cancer is not a rare disease worldwide, in China or in the United States. Pancreatic cancer is about the sixth or seventh most common cancer among all cancers. Of course, the incidence of pancreatic cancer in children is very low and its occurrence is very rare. Therefore, whether the risk factors of pancreatic cancer have been hidden in childhood is indeed worth further study to reduce the mortality rate of pancreatic cancer in adulthood. The authors analyzed the incidence of pancreatic cancer in childhood, which has important implications for the identification of pancreatic cancer risk groups and the early screening of pancreatic cancer. However, it is well known that cases of pancreatic cancer in childhood are rare and the incidence is low. Therefore, how to predict the development of pancreatic cancer in adulthood through childhood is very critical. Pancreatic malignant tumors in children include pancreatoblastoma, solid pseudo-papillary tumors, insulinoma, gastrinoma, vasoactive intestinal peptide secreting tumors (vipoma), acinar cell carcinoma, ductal adenocarcinoma, mucinous cystic neoplasms, lymphoma, germ cell tumors, primitive neuroectodermal tumors, and mesenchymal tumors. The authors should conclude whether the multiple pancreatic associated tumors mentioned above in childhood are associated with pancreatic cancer in adulthood. Risk factors for pancreatic cancer include Obesity, Diabetes mellitus, glucose metabolism and insulin resistance, Chronic pancreatitis, Cystic fibrosis, McCune-Albright syndrome, Multiple endocrine neoplasia type 1 (MEN 1), von Hippel Lindau disease (vHL), and Li Fraumeni Syndrome (LFS). The analysis of these factors does provide better prevention strategies for the development of pancreatic cancer in adulthood. To provide better guidance to people at risk for pancreatic cancer. However, the authors do not address in depth in this manuscript how childhood risk factors influence the development of pancreatic cancer

in adulthood. If the authors can correlate the incidence of adult pancreatic cancer with the risk factors in childhood, it will provide good guidance for the prevention of adult pancreatic cancer. Overall, this paper provides a relatively new perspective on the link between pancreatic cancer from childhood to adulthood. The author should give careful consideration to the issues mentioned above before publishing this article.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63488

Title: Could the burden of pancreatic cancer originate in childhood?

Reviewer's code: 03545226

Position: Editorial Board

Academic degree: FACS, FASCRS, MD

Professional title: Associate Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Romania

Manuscript submission date: 2021-01-28

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-04-01 05:30

Reviewer performed review: 2021-04-21 03:03

Review time: 19 Days and 21 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
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

Title: The burden of pancreatic cancer originates in childhood? This descriptive review deals with an interesting and important argument, trying to identify the main pancreatic cancers diagnosed in childhood, the most important risk factors, diseases and gene mutations associated with pancreatic malignant tumors. The topic has an important clinical relevance because although pediatric pancreatic cancer are rare entities and have a better prognosis, however there are primary malignant tumors that often are metastatic at diagnosis or that may present with metastasis during adulthood. The manuscript is well structured as followed: the first paragraph speaks about the most frequent primary pancreatic tumors' subtypes, then authors describe possible pediatric cancers evolving in pancreatic metastasis and finally they show in detail pediatric risk factors (genetic and acquired) for pancreatic cancer. The table is representative and of good quality. The manuscript cites appropriately the latest and authoritative references. Accepted

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63488

Title: Could the burden of pancreatic cancer originate in childhood?

Reviewer's code: 05105325

Position: Editorial Board

Academic degree: MD

Professional title: Professor, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: Romania

Manuscript submission date: 2021-01-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-17 12:28

Reviewer performed review: 2021-04-25 12:51

Review time: 8 Days

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
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

this review reported Pancreatic malignant tumors in children ,Diseases (diagnosable) in pediatric patients predisposing to pancreatic cancer at adult age and Other gene mutations associated with a predisposition for pancreatic cancer. It's aim is to convincing that pancreatic cancer may originate in childhood. As the review reported,Several childhood diseases may create a predisposition for the development of pancreatic cancer during adulthood.Other hypotheses still need more documentary evidence to support.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63488

Title: Could the burden of pancreatic cancer originate in childhood?

Reviewer's code: 05199120

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Chief Physician

Reviewer's Country/Territory: China

Author's Country/Territory: Romania

Manuscript submission date: 2021-01-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-16 01:27

Reviewer performed review: 2021-04-26 09:13

Review time: 10 Days and 7 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 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

SPECIFIC COMMENTS TO AUTHORS

This review reports the main pancreatic cancers diagnosed during childhood, the most important childhood diseases predisposing to the development of pancreatic malignancies and the gene mutations associates with pancreatic malignant tumors. Generally speaking, it is good. However, I do not think that the title reflects the main subject.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63488

Title: Could the burden of pancreatic cancer originate in childhood?

Reviewer's code: 05123031

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Romania

Manuscript submission date: 2021-01-28

Reviewer chosen by: Han Zhang (Online Science Editor)

Reviewer accepted review: 2021-06-17 14:13

Reviewer performed review: 2021-06-17 14:34

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

The current revised manuscript can be accepted for publication in World Journal of



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Gastroenterology.