

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 58561

Title: The associations between serum uric acid and hepatobiliary-pancreatic cancer: a cohort study

Reviewer's code: 05266781

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-08-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-08-31 08:47

Reviewer performed review: 2020-08-31 12:05

Review time: 3 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 Grade E: Do not publish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 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="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

This study investigated the associations between SUA levels and incidence of hepatobiliary-pancreatic cancer. I read the manuscript carefully, and found that the manuscript is very well designed and the results are interesting. I recommend accepting it for publication after a minor editing.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 58561

Title: The associations between serum uric acid and hepatobiliary-pancreatic cancer: a cohort study

Reviewer's code: 02458675

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2020-08-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-08-31 08:46

Reviewer performed review: 2020-09-08 00:57

Review time: 7 Days and 16 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

SPECIFIC COMMENTS TO AUTHORS

In this prospective cohort study, 444,462 participants free of cancer from the UK Biobank was included. They investigated the associations between SUA levels and incidence of hepatobiliary-pancreatic cancer: SUA levels were measured at baseline, and the incidence of hepatobiliary-pancreatic cancer was determined by contacting the cancer registry. The HRs and 95% CIs between SUA levels and hepatobiliary-pancreatic cancer were investigated with multiple adjusted Cox regression models adjusted for potential confounders. I have no objections as far as methods are concern. This topic is actual and well described. The manuscript is well written and very interesting, and authors presented also the limitations of the study.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 58561

Title: The associations between serum uric acid and hepatobiliary-pancreatic cancer: a cohort study

Reviewer's code: 05266803

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: China

Manuscript submission date: 2020-08-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-09-01 09:38

Reviewer performed review: 2020-09-08 00:59

Review time: 6 Days and 15 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 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



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SPECIFIC COMMENTS TO AUTHORS

The authors of the submitted manuscript aim to investigate the associations between SUA levels and incidence of hepatobiliary-pancreatic cancer. The cohort involved 444 462 participants free of cancer from the UK Biobank. The analysis showed that SUA is likely to have gender-specific effects on hepatobiliary-pancreatic cancer. High SUA levels are a risk factor for pancreatic cancer in females, and for gallbladder cancer in males. A U-shaped association with liver cancer risk is identified. Although the analyses are well performed, I have minor comments: a- Needs language polishing. b- Recommends that the RESULTS are described separately.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 58561

Title: The associations between serum uric acid and hepatobiliary-pancreatic cancer: a cohort study

Reviewer's code: 05266804

Position: Peer Reviewer

Academic degree: MD

Professional title: Research Scientist

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: China

Manuscript submission date: 2020-08-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-08-31 12:02

Reviewer performed review: 2020-09-08 01:03

Review time: 7 Days and 13 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 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



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SPECIFIC COMMENTS TO AUTHORS

SUA levels are associated with total cancer risk. Due to the dual effect of uric acid on cancer, the relationship of SUA levels and most of specific-site cancer remains unclear. few previously published studies have focused on SUA levels and the incidence of cancer at specific sites, and none of them highlighted HBP cancer. Chong-Fei Huang et al conducted this study to evaluate the associations between SUA and HBP cancer risk based on the UK Biobank cohort. The methods are properly presented, the results are presented on 6 tables and 5 figures and are clearly discussed. The data was rich, and the author analyzed the results from many angles. The references are quite appropriate to the subject of research. I recommend accepting this manuscript for publication after a minor editing. The first paragraph of the "DISCUSSION" part seems to be better placed in the "RESULTS" part. The discussion does not need to present the results.