



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 61714

Title: Association between HOTAIR genetic polymorphisms and cholangiocarcinoma

Reviewer's code: 03251786

Position: Peer Reviewer

Academic degree: PhD

Professional title: Academic Research, Senior Researcher

Reviewer's Country/Territory: France

Author's Country/Territory: Greece

Manuscript submission date: 2020-12-16

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-12-16 12:40

Reviewer performed review: 2020-12-17 13:11

Review time: 1 Day

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 Grade E: Do not publish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 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

I reviewed with interest the manuscript ID-03251786 submitted to World Journal of Gastrointestinal Oncology by Lampropoulou and colleagues. In this manuscript the authors evaluated the association between genetic polymorphisms in HOTAIR long non coding RNA (lncRNA) and cholangiocarcinoma (CCA). The study is highly relevant given that CCA is a deadly cancer with limited therapeutic option due to a late diagnosis. Early phases of CCA carcinogenesis are usually asymptomatic and biomarkers for CCA diagnosis lack specificity and sensitivity. Thus the identification of cancer susceptibility markers is clinically relevant in CCA. The authors genotyped 3 HOTAIR SNPs (rs920778, rs4759314 and rs7958904) in 122 CCA patients and 165 healthy controls. The study provides the first evidence of the potential association between carriers of HOTAIR rs4759314 AG and GG genotypes and CCA risk. Overall the study sounds and is clearly presented. The message is clear and supported by the data. Minor comments p.3 "... significantly increased risk of CCA risk" (risk x2) p.4 and p.7 "cholagiocarcinoma" vs "cholangiocarcinoma" p.6 I would not mention HOTAIR as "a relatively new lncRNA"; this lncRNA has been well characterized for a long time. p.7 "The rs7958904 polymorphism genotyping was determined using for allele specific PCR" should be rephrased It would be interesting to determine whether rs4759314 AG and GG genotypes were associated with an increased expression of HOTAIR.



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 61714

Title: Association between HOTAIR genetic polymorphisms and cholangiocarcinoma

Reviewer's code: 02569794

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Thailand

Author's Country/Territory: Greece

Manuscript submission date: 2020-12-16

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-12-21 08:22

Reviewer performed review: 2020-12-22 09:45

Review time: 1 Day and 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
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

comments: 1. In the Introduction section 3rd paragraph: The authors stated that 'LncRNAs are more than 200 nucleotides long...as "transcriptional noise"..... In fact, although the non coding RNAs do not encode proteins but they may regulate intracellular biological processes at post-transcriptional levels rather than being only 'noise'. 2. Are there any information regarding the role of HOTAIR in post-transcriptional levels in any types of cancers?



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 61714

Title: Association between HOTAIR genetic polymorphisms and cholangiocarcinoma

Reviewer's code: 02569794

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Thailand

Author's Country/Territory: Greece

Manuscript submission date: 2020-12-16

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2021-01-05 06:46

Reviewer performed review: 2021-01-05 06:57

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 authors have responded appropriately to the reviewer's comments.