

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 66727

Title: Evaluation of biomarkers, genetic mutations, and epigenetic modifications in early diagnosis of pancreatic cancer

Reviewer's code: 05872335

Position: Editorial Board

Academic degree: MS

Professional title: Academic Fellow, Research Scientist

Reviewer's Country/Territory: Pakistan

Author's Country/Territory: India

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-09 00:17

Reviewer performed review: 2021-04-16 14:29

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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 Grade E: Do not publish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 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

Abstract and Title significantly synchronize with the aim and methodology of the paper for evaluating the relevant biomarkers for early prognosis and diagnosis of pancreatic cancer. To the health community the paper has significant findings for the service of public health. The paper while clear in its objective and findings fails to represent the results and findings diagrammatically or through statistical charts and graphs analyzing the data from 50 patients. Authors of the paper themselves admitted their limitation to find the association of DPC-4 G>T and BRCA-2 6174 deletion mutations and hypermethylation of CpG islands in the promoter region of RASSF1A and hMLH1 gene towards the risk of PC. To validate these results in the Kashmiri population the future studies need comprehensive, cohort, and replicative studies with a large sample size.