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PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 66044

Title: Dysbiosis of the duodenal microbiota as a diagnostic marker for pancreaticobiliary cancer

Reviewer's code: 03656580

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Postdoc, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Japan

Manuscript submission date: 2021-03-22

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-21 23:34

Reviewer performed review: 2021-06-23 07:59

Review time: 1 Day and 8 Hours

Scientific quality	[] Grade A: Excellent [] Grade B: Very good [Y] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish
Language quality	 [] Grade A: Priority publishing [Y] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	 [] Accept (High priority) [] Accept (General priority) [] Minor revision [Y] Major revision [] Rejection
Re-review	[Y]Yes []No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [] Onymous Conflicts-of-Interest: [] Yes [Y] No



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SPECIFIC COMMENTS TO AUTHORS

Authors reported the correlation between the human microbiota and malignant gastrointestinal diseases and investigated the efficacy of the duodenal microbiota for diagnosing pancreaticobiliary cancers. The results showed that the combining Clostridium cluster XVIII and CA19-9 levels were 91.7% sensitivity and 71.4% specificity for pancreaticobiliary cancer diagnosis. However, the authors should screen to more cases to confirm the clinical values of Clostridium cluster XVIII compared with CA19-9 levels; Figure 2 and Figure 4 should be deleted.