

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 65546

Title: Fecal metabolomics' profile: A comparative study from colorectal cancer vs adenomatous polyps' patients

Reviewer's code: 05038685

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Chief Physician, Associate Professor, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

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Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-03-13 02:09

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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 Grade E: Do not publish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

The authors compared with healthy subjects the fecal NMR metabolomic profiles of patients with colorectal cancer or adenomatous polyposis in order to characterize the variations between the groups and potentially recognize some diagnostic markers. They found some metabolites, such as acetate, butyrate, propionate, 3-hydroxyphenylacetic acid, valine, tyrosine and leucine are different in each group. These results provide a new direction for future studies. Some suggestion: 1.The content of Table 1 is too simple to judge whether the baselines of each group are similar. It is recommended to add information such as race and personal history into the table, and the P value of each group. 2. The format of the reference number need to be revised.[6],[7],[8]should be [6-8].