



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 66400

Title: Liquid biopsy in colorectal cancer: No longer young, but not yet old

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04967668

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Slovenia

Author's Country/Territory: Italy

Manuscript submission date: 2021-03-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-27 06:43

Reviewer performed review: 2021-03-30 16:59

Review time: 3 Days and 10 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 Grade E: Do not publish |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 | Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous |



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Conflicts-of-Interest: [] Yes [**Y**] No

SPECIFIC COMMENTS TO AUTHORS

In their editorial manuscript »Liquid biopsy in colorectal cancer: no longer young, but not yet old« the authors provide a very interesting and clinically oriented overview on the subject of liquid biopsy concept in colorectal cancer. They nicely introduce the clinical need for better molecular assessment of solid tumors based on the emerging systemic therapies, which are highly dependent on the molecular characteristics of tumors. Then they show the development of liquid biopsy concept with detection of different compounds in peripheral blood, starting from circulating tumor cells, circulating tumor DNA and exosomes. In the manuscript, they highlight the crucial clinical scenarios where the liquid biopsy would be of great practical benefit- i.e. the assessment of early cancer, detection of minimal residual disease in localized nodal disease as well as drug effectiveness monitoring in metastatic disease. For all scenarios, they also provide the available data from some of the so far performed clinical studies. They fairly conclude with stating, that the liquid biopsy should not be regarded only as a minimal invasive surrogate of conventional tissue biopsy but could in fact profoundly change the treatment of cancer patients in the future.



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Reviewer's code: 02904061

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Chief Doctor, Doctor, Professor, Manager

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

Manuscript submission date: 2021-03-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-27 10:31

Reviewer performed review: 2021-04-03 02:23

Review time: 6 Days and 15 Hours

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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 |
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SPECIFIC COMMENTS TO AUTHORS

First, this manuscript is not the first letter or review about the application and future scenarios of liquid biopsy in colorectal cancer. I have found some papers on PubMed. In this case, this letter is lacking in novelty. Second, the letter only gave us a brief review of the application and future scenarios of liquid biopsy in colorectal cancer. This manuscript did not bring us some unique perspective of liquid biopsy in CRC. Third, I have checked other letters published in this Journal previously, maybe the format of this letter is not correct. This letter is lacking in abstract and keywords, please revise it.