



**PEER-REVIEW REPORT**

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 76229

**Title:** Reduced serum HDL-C levels and aberrantly expressed cholesterol metabolism genes in colorectal cancer

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer’s code:** 05116713

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer’s Country/Territory:** United States

**Author’s Country/Territory:** China

**Manuscript submission date:** 2022-03-08

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-03-08 09:11

**Reviewer performed review:** 2022-03-08 09:20

**Review time:** 1 Hour

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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<b>Peer-reviewer statements</b>	Peer-Review: [ <b>Y</b> ] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [ <b>Y</b> ] No
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### **SPECIFIC COMMENTS TO AUTHORS**

This is essentially a computational study, so comments on methodology revolve around that, and the methods and statistical analysis seem sound. Conclusions are reasonable. This is an important topic of clinical interest. Writing is satisfactory. I assume that that higher number of males and the high proportion of rectal cancer is reflective of the patient population.



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**Title:** Reduced serum HDL-C levels and aberrantly expressed cholesterol metabolism genes in colorectal cancer

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06271776

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Taiwan

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-03-08

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-03-11 00:02

**Reviewer performed review:** 2022-03-21 10:19

**Review time:** 10 Days and 10 Hours

<b>Scientific quality</b>	<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
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Numerous studies have found that lipid abnormalities are closely related to CRC. There have been a number of reports in the literature regarding the relationship between abnormal serum lipid levels, including TC, TGs, LDL-C and HDL-C, and CRC, but there is no consistent conclusion at present. In this study, the authors conducted a retrospective analysis of the relationship between serum TC, TG, HDL-C, LDL-C and clinical characteristics in patients with CRC and explored potential CRC-associated cholesterol metabolic genes using a series of bioinformatics databases and tools. The study is very designed and the manuscript is very well written. The reviewer recommends to accept the manuscript after a minor editing. More clearer images should be provided.