

Comments:

At present, most studies have confirmed the correlation between colon cancer and lipid metabolism caused by obesity. In this paper, the researchers attempted to analyze the relationship between mesangial fat and the development of colon cancer. Overall, these are the novel observations, and the data support the main conclusion. However, there are minor concerns that need to be addressed, which are listed as follows:

1. Why was mesangial fat chosen as the study object instead of the fat around the tumor?
2. What is the relationship between mesangial fat and systemic lipid metabolism? Does mesangial fat reflect systemic lipid metabolism?
3. Line 60 "from the mesentery 5 cm adjacent to the cancer or PCT of each patient", Why choose 5cm?
4. Line 48-50, Please clarify the relationship between the mesentery and white adipose tissue.
5. Line 198-199, "Based on several studies ...". Please add relevant references.
6. Please provide the basic information of the histological sample patient, such as age, gender, tumor location, local invasion depth, lymph node metastasis, distant metastasis, pTNM stage, etc.
7. Do you think comparing the RNA level of WAT near the CRC tissue with WAT near the PCT makes more sense?
8. Please provide relevant ethical review material.
9. Please provide high-resolution figures. The quality of some figures are not good such as Figure 5g.
10. Some grammar errors have been identified. The authors should seek help from certified English Editing Service to polish its English.