

January 20, 2014

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: 5834-edited\_R2.doc).

**Title:** Obesity and colorectal cancer: role of adipokines in tumor initiation and progression

**Authors:** Silvia Riondino, Mario Roselli, Raffaele Palmirotta, David Della-Morte, Patrizia Ferroni, Fiorella Guadagni

**Name of Journal:** *World Journal of Gastroenterology*

**ESPS Manuscript NO:** 5834

The manuscript has been revised according to the suggestions of reviewers:

**Reviewer code: 00068120**

This manuscript reviewed the relationship between the colorectal cancer and obesity. Adipose tissue is an endocrine/metabolic organ, and can produce cytokines and chemokines, of which adipokines are directly involved in colon carcinogenesis and tumor development. The paper is well written and clearly described the roles of adiponectin, leptin, resistin, and ghrelin in CRC at the various levels of evidence.

[We thank the Reviewer for kind appreciation of our work.](#)

**Reviewer code: 00503512**

Riondino et al. reviewed current evidence on molecular mechanisms linking obesity and colorectal cancer. The review paper is well written and interesting for the audience of this journal. A few minor comments: 1) When describing in vitro studies, authors should pay more attention to the dosage employed: are the hormone concentrations within the physiological range? For example, at which concentration does leptin induce mitosis in HT29 cells? How does this concentration compare with physiological leptin levels? 2) Please clearly distinguish genes (italicized) and proteins when you mention a molecule 3) Provide an explanation for each acronym (e.g. TNF) the first time you use it

[We thank the Reviewer for these helpful suggestions and emended the text accordingly. In particular, leptin concentration used in in vitro studies have been reported, and reference to similarities to in vivo concentration has been reported on page 13 \(second paragraph, reference 86\). Finally, genes and proteins have been differentiated by italicizing the former and explanation for each acronym has been provided at time of first appearance in text.](#)

We hope you will find this revised version of our manuscript fully acceptable for publication in your journal.

Sincerely yours,

A handwritten signature in cursive script that reads 'Patrizia Ferroni'.

Patrizia Ferroni, MD, PhD

IRCCS San Raffaele Pisana

Research Center

Via di Val Cannuta 247, 00166, Rome, Italy

e-mail: ferronipatrizia@gmail.com