



Gastroenterology Research and Practice

Special Issue on
Colorectal Cancer in the Omics' Era: From Bed to Bench and Vice Versa

CALL FOR PAPERS

After 15 years of massive campaign of public awareness to colorectal cancer screening, it is worth pausing to reflect on what we have learned on colorectal cancer prevalence, particularly in the West and in other nations across the globe. The Westernization of diet in the developing world has been blamed for an increase of this disease's incidence. While colonoscopy is generally affordable in the West, patients in the developing world still have limited access to this colorectal cancer screening procedure. Even within the Western countries, patients with low socioeconomic status and/or lack of health insurance contribute towards the higher negative impact of this disease that leads to major cancer disparities.

The recent advances in high throughput technologies including Next Generation Sequencing (NGS) provide opportunities to better understand the onset of this disease and allow a potential development of affordable noninvasive screening methodologies that might help tackle this disease at earlier stages and reduce the observed disparities. Several publications have addressed the genomics, epigenomics, and microbiomics of this disease in different populations. Many of the published findings have already made their impact on treatment strategies and disease management.

In this special issue of this journal (PubMed cited, IF=1.8), we would like to generate an international view of colorectal cancer across the globe and assess the benefits that epidemiology, genomics, epigenomics, and microbiomics potentially offer to mitigate the effect of this disease.

We invite investigators to contribute original research articles as well as review articles.

Potential topics include, but are not limited to:

- ▶ Epidemiology of colorectal cancer
- ▶ Genetics and genomics of colorectal cancer
- ▶ Epigenetics and epigenomics of colorectal cancer
- ▶ Targeted and precision/personalized therapy of colorectal cancer
- ▶ Microbiomic studies in colorectal cancer
- ▶ Evolution of newer, molecularly targeted therapies for colorectal cancer

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/grp/ccoe/>.

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First Round of Reviews

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