

## Special Issue on Inflammation and Colorectal Cancer

# CALL FOR PAPERS

Our body's immune system forms a defensive shield to protect from enemies that cause disease. One of the most important and powerful weapons of our immune system is inflammation, a carefully orchestrated manoeuvre designed to eliminate those enemies of our body such as bacteria, injured cells, and chemical irritants. However, inflammation has a split personality of bright and dark sides. Inflammation's dark side creates a powerful force in cancer development, where it aids and abets tumor growth and spreads around the body. When a tiny tumor starts growing from a few rogue cells, it can scavenge enough oxygen and nutrients from its surroundings. But as it grows bigger, demand starts to outstrip supply and cancer cells struggle to survive. As they accumulate more and more genetic faults, the cancer cells release chemical signals that lure immune to infiltrate the tumor and secrete molecules such as cytokines that initiate the process of angiogenesis to fulfill the demand of much-needed oxygen and nutrients.

Today, the causal relationship between inflammation, immunity, and cancer is more widely accepted; however, many of the molecular and cellular mechanisms mediating this relationship remain unresolved. This special issue is focused on publishing high-quality research articles and reviews addressing recent advancements in defining the role of inflammation and its underlying mechanisms in colorectal cancer, which is the most common gastrointestinal malignancy and a major cause of cancer death worldwide. We invite investigators to submit their original research and review articles that are not yet published or not currently under review by other peer-reviewed journals.

Potential topics include but are not limited to the following:

- ▶ Inflammation: a key event in colon cancer development
- ▶ Role of cytokines in colorectal cancer
- ▶ Role of chemokines in colorectal cancer
- ▶ Inflammatory transcription factors in colorectal cancer
- ▶ Chronic inflammation and colorectal cancer
- ▶ Epigenetic regulation of inflammation in colorectal cancer development
- ▶ Inflammasomes in colorectal cancer
- ▶ Inflammatory significance of free radicals in colorectal cancer
- ▶ Roles of enzymes in inflammation and colorectal cancer
- ▶ Diets in inflammation and colorectal cancer

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/mi/icc/>.

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