



Molecular Mechanisms and Novel Therapies for Colon Cancer

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Message from the Guest Editor

Dear Colleagues,

Colon cancer, one of the most deadly cancers, remains difficult to treat, especially after metastasis to distant organs occurs. Targeted therapies against EGFR and VEGFR signaling pathways have limited response in patients with colon cancer. Immune checkpoint inhibitors also offer limited benefits. The development of drug resistance often causes the failure of treatment. A better understanding of the molecular mechanisms of colon cancer progression will facilitate the development of new therapeutics to improve clinical response. It is well known that genetic and epigenetic changes drive the development of colon cancer. This Special Issue focuses on novel mechanisms that regulate colon cancer proliferation, survival, metastasis, and drug resistance. The topics to be included will pertain to new findings on the function of oncogenes, tumor suppressor genes, epigenetic regulators, and non-coding RNAs. In addition, this Special Issue will cover the recent development of new therapeutics for colon cancer, including targeted therapy, immunotherapy, natural products, gene therapy, and new drug delivery technologies.





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Message from the Editor-in-Chief

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