

## Special Issue

# Molecular Mechanisms and Novel Therapies for Colon Cancer

### Message from the Guest Editor

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.

### Guest Editor

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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