

## Special Issue

# Molecular Aspects of Tumor Microenvironment of Colorectal Cancers

### Message from the Guest Editor

Colorectal cancer (CRC) is the third most common cancer worldwide, and the risk of developing CRC is influenced by environmental and genetic factors. Molecular aspects of CRC concern the relationships between risk factors, such as oxidative stress and microbiota, and genetic factors. The tumor microenvironment is composed of different cell types, such as fibroblasts, immune cells, vascular cells and extracellular matrix cells. The normal microenvironment becomes tumoral when cells first become pre-malignant and then are transformed. The transformation is associated with the activation of oncogenic pathways that establish a molecular crosstalk between epithelial cells and the surrounding stroma. This interplay impairs membrane integrity by promoting the formation of the tumor microenvironment. Metalloproteinase expression by the activation of oncogenic pathways promotes carcinoma cell migration and invasion by the degradation of the basement membrane structure.

### Guest Editor

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### Deadline for manuscript submissions

closed (15 June 2022)



## Cancers

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## About the Journal

### Message from the Editor-in-Chief

*Cancers* is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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### Editor-in-Chief

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