

Special Issue

Colorectal Cancer: Risk Factors and Underlying Mechanisms

Message from the Guest Editor

Colorectal cancer (CRC) is the third most common cancer globally, with 1.9 million new cases in 2022 and an estimated 3.2 million by 2045. Its risk is influenced by genetic, lifestyle, and environmental factors. Obesity, smoking, alcohol, physical inactivity, and diets high in red or processed meat increase risk, while fiber, fruits, vegetables, dairy, and whole grains may be protective. Environmental exposures, including pollutants and diet-related chemicals, can alter the gut microbiome, contributing to CRC development. These factors may interact synergistically or antagonistically, involving mechanisms such as inflammation, genetic/epigenetic instability, and metabolic dysregulation. Promoting a healthy lifestyle and early screening is essential for effective CRC prevention and reducing its global burden.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Cancers (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its 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.

Editor-in-Chief

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