Special Issue

Genetic Alterations and Features in the Development of Gastrointestinal Cancer

Message from the Guest Editor

Gastrointestinal (GI) cancers develop through the multifaceted interplay of genetic alterations, epigenetic changes, and environmental influences. Beyond somatic mutations and chromosomal instability, factors such as diet, nutrition, chronic infections (e.g., Helicobacter pylori, hepatitis viruses), and gut microbiome dysbiosis significantly contribute to tumorigenesis and progression. These elements can modulate inflammation, immune response, and even mutational landscapes. This Special Issue welcomes original research and reviews exploring the molecular, microbial, infectious, and lifestyle-related determinants of GI cancers. By integrating basic, translational, and clinical perspectives, we aim to advance precision prevention, diagnostics, and therapy in this diverse and impactful disease group.

Guest Editor

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Deadline for manuscript submissions

30 June 2026



Cancers

an Open Access Journal by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed



mdpi.com/si/246126

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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.

Editor-in-Chief

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