Topical Collection

Factors Regulating Cancer Cell Growth, Migration, Invasion, and Apoptosis

Message from the Collection Editors

The signaling network in the cancer microenvironment, involving interactions between cancer cells and various other cells, plays a critical role in determining the biological characteristics of individual cancers. These interactions affect a variety of biological activities, including cancer cell survival and proliferation, invasive potential, collective migration, and therapeutic response to anticancer drugs. Cells comprising the cancer microenvironment include cancer-associated fibroblasts, cancer-associated macrophages, immune cells, vascular cells, and adipocytes. Various intercellular and intracellular signaling networks are activated or inactivated by growth factors, cytokines, chemokines, and extracellular matrices secreted by these cells, or by the cell surface receptors expressed on them, leading to different cancer characteristics. Research aiming to elucidate the cancer microenvironment and its role in cancer progression is rapidly progressing. Furthermore, an improved understanding of signaling networks in the cancer microenvironment could provide critical information needed for the development of novel cancer therapies, especially for refractory cancers.

Collection Editors

Prof. Dr. Masahide Takahashi

Department of Tumor Pathology, Nagoya University School of Medicine, Nagoya, Japan

Prof. Dr. Atsushi Enomoto

Department of Pathology, Nagoya University Graduate School of Medicine, Nagoya, Japan

Cancers

an Open Access Journal by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed

mdpi.com/si/126126

Cancers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cancers@mdpi.com

mdpi.com/journal/cancers

Cancers

an Open Access Journal by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed

mdpi.com/journal/cancers

MDPI

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

Prof. Dr. Samuel C. Mok
Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Oncology) / CiteScore - Q1 (Oncology)