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The Signal-Processing in Tumor

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Message from the Guest Editors

Tumors and their ecosystems co-evolve over time, leading to genomic alterations within tumor cells; thus, anti-tumor treatment must be adapted over the course of the disease. To better understand this process and its mechanisms: How does signal transduction in tumors cells shape the tumor ecosystem? Tumor cells send and receive bidirectional signals to and from adjacent tumor cells as well as the tumor microenvironment, endothelium, immune cells, and fibroblasts. Via this exchange of signals, tumor cells control their stromal milieu to sustain their growth, evolve, respond to drugs, and advance. Thus, signal transduction pathways play key roles in initiation, progression, and metastasis processes.

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Special Issue



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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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