



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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Message from the Editor-in-Chief

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