Special Issue

TGF-β Signaling in the Tumor Microenvironment: Dual Roles in Cancer Progression and Therapy

Message from the Guest Editor

The transforming growth factor-beta (TGF-β) family plays a complex and context-dependent role in cancer biology. While traditionally recognized for its tumor-suppressive functions in early-stage malignancies, TGF-β often shifts toward a pro-tumorigenic role in advanced cancers by promoting immune evasion, epithelial–mesenchymal transition (EMT), angiogenesis, and stromal remodeling. This dual functionality underscores the need for a deeper understanding of TGF-β signaling within the tumor microenvironment (TME). This Special Issue will gather original research articles, reviews, and perspectives that explore the diverse and sometimes paradoxical roles of TGF-β family members in shaping the TME.

Guest Editor

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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.

Editor-in-Chief

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