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Targeting TGF- β as a Marker and Pharmacological Target against Cancer

Guest Editor:

Dr. Elisabetta Aldieri

Department of Oncology,
University of Torino, 10126
Torino, Italy

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Message from the Guest Editor

It is known that Transforming Growth Factor- β (TGF- β) plays a crucial role in carcinogenesis, and its alteration has been associated to cancer development and/or invasiveness, depending on the cancer stage. TGF- β acts as a driver of tumor progression and metastasis, via some alterations in TGF- β signaling pathway and some molecular events associated to malignant progression, such as epithelial–mesenchymal transition (EMT), angiogenesis, inhibition of the immune response and various aspects concerning the tumor microenvironment (TME). Thus, TGF- β signature may be considered a predictive marker in improving tumor diagnosis/prognosis, and TGF- β inhibition has been demonstrated to reduce tumor growth and prevent cancer metastasis.

Based on these considerations, this Special Issue will focus on identifying TGF- β , and its related targets in the signaling pathway, as significant and crucial for improving the preventive and therapeutic approach to cancer.



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Special Issue



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Prof. Dr. Samuel C. Mok

Department of Gynecologic
Oncology and Reproductive
Medicine, The University of Texas
MD Anderson Cancer Center,
Houston, TX 77030, USA

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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Cancers Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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