

Special Issue

Tumorigenesis and Tumor Microenvironment—Insights and Interventions (TTMI)

Message from the Guest Editors

Cancer development is a complex, multistage process involving not only genetic and molecular alterations within tumor cells but also changes in the surrounding tumor microenvironment (TME). The TME, comprising immune cells, stromal components, blood vessels, signaling molecules, and extracellular matrix, plays a pivotal role in tumor initiation, progression, metastasis, therapy resistance, and recurrence. Despite growing evidence emphasizing its importance, our understanding of the TME remains incomplete. The molecular link between stress, aging, and cancer has recently been elucidated. Accordingly, stress and aging interventions are predicted to have therapeutic and preventive benefits. Critical insights are still needed to elucidate the mechanisms governing tumorigenesis, TME interactions, and their link to stress and aging. Ongoing research aims to characterize molecular signatures within stress, aging, and TME signaling and to develop strategies that modulate these elements. This Special Issue highlights advances in tumorigenesis and TME research, focusing on innovative strategies for therapeutic targeting.

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About the Journal

Message from the Editor-in-Chief

Cancers (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its 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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