Special Issue

The Role of Adipocyte Crosstalk in the Tumor Microenvironment

Message from the Guest Editors

Tumor initiation and progression are influenced by multiple factors related to systemic and intercellular communication from other tissues. For instance, adipocytes within the adipose tissue can affect tumor intercellular communications and contribute to signaling changes that impact the behavior of various tumor types. In particular, adipocytes are capable of influencing multiple hallmarks of cancer cells like proliferation, invasion, cell death, angiogenesis, metabolism, and immunity. A wide field of expertise will be required to build a comprehensive analysis of adipose tissue-tumor crosstalk. The purpose of this special issue it to highlight advances in the understanding of molecular mechanisms that mediate adipose-tumor interactions and to uncover novel pathways that will benefit and advance the field of obesity-associated tumors. Additionally, adipose-stromal interactions with fibroblasts, immune cells, and endothelial cells will also be covered in the context of the tumor microenvironment. We anticipate this issue will expand our understanding of adipose tissue communication and further the development of effective therapeutics to subvert pro-tumorigenic mediators.

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Deadline for manuscript submissions

closed (30 September 2023)

Cancers

an Open Access Journal by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed

mdpi.com/si/93168

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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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