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Cancer Stem Cells and Tumor Microenvironment

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Deadline for manuscript
submissions:

closed (15 November 2015)

Message from the Guest Editor

Dear Colleagues

Cancer stem cells or tumor initiating cells overexpress specific intra- and extra-cellular markers that result in their tumorigenic and high metastatic activity. In addition, the unique intracellular signaling and metabolism of cancer stem cells drive aggressive behavior of these cells. Cancer stem cells cross talk with microenvironment components: immune cells, blood vessels, fibroblasts, extracellular matrix proteins), which is important to understand for future development of anti-cancer therapeutics. The genomics, proteomics, and metabolomics technology should be applied to the characterization of these cells and microenvironment to develop personalized medicine approaches.

Dr. Vita Golubovskaya

Guest Editor



mdpi.com/si/4995

Special Issue



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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.

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