



Cellular Dynamics within the Tumor Microenvironment

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Deadline for manuscript
submissions:

closed (20 January 2023)

Message from the Guest Editor

Dear Colleagues,

The purpose of this Special Issue is to provide a more comprehensive understanding of tumor cell dynamics. The focus will be on the dynamics of the host cells that infiltrate into tumors, and their interactions with each other, with cancer cells, and with matrix structures. Of particular interest are 1) the mechanisms involved in recruiting cells to tumors; 2) tumor-induced mechanisms of inflammation and immune cell recruitment; 3) fibroblast activation and matrix biology in the context of their effects on other cells; 4) interactions between cells and intra-tumor bacteria; and 5) physical interactions between immune cells that regulate antitumor immunity. Emphasis will be on the mechanisms that cells use to communicate and how physical interactions or biochemical cues either inhibit or enable tumor progression. We encourage the submission of studies based on longitudinal intravital microscopy of cell dynamics. To limit the scope, we will not examine cancer cell-autonomous mechanisms of invasion and metastasis or their interactions with the matrix.

Dr. Lance L. Munn
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.

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