

Special Issue

The Tumor Microenvironment Polarization as a Goal of Cancer Immunotherapy

Message from the Guest Editors

Successful immunotherapy depends on efficient activation of host immune cells to fight against cancer but also on sustained immunostimulatory milieu. The tumor microenvironment (TME) which consists of non-malignant cells such as stromal cells (cancer associated fibroblasts (CAF)), immune and inflammatory cells (neutrophils, macrophages, NK cells, lymphocytes), cells of the vascular system, creates supportive and immunosuppressive milieu for tumor growth. Reversal of tumor promoting properties of the TME towards tumoricidal and immunostimulatory is promising strategy to improve response to immunotherapy. Turning “cold” tumor milieu into “hot” one enhances immunogenicity, restores immune cytotoxic activity and favors anti-tumor immunity. This Special Issue aims to highlight recent advances on microenvironment-polarizing combinations for cancer immunotherapy. We are pleased to invite you to submit an original research or state of art review on all aspects of the TME alterations to improve immunotherapy outcomes.

Guest Editors

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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.

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