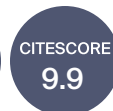




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## Tumor Immune Microenvironment for Effective Therapy

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 October 2022)**

### Message from the Guest Editor

Immunotherapy has changed the paradigm of cancer treatment and significantly improved clinical outcomes in a subset of cancer patients. The tumor microenvironment plays an important role in cancer immunotherapy. There are a variety of cell types, including cancer cells, T cells, B cells, NK cells, dendritic cells, tumor-associated macrophages, myeloid-derived suppressor cells, cancer-associated fibroblasts, and vascular cells in the tumor microenvironment. Some of these cell types contribute to the immunosuppressive microenvironment in a tumor. Additionally, cytokines, chemokines, growth factors, and extracellular matrix modulate immune cell functions and antitumor immunity. Moreover, the unique biochemical characteristics of the tumor microenvironment such as hypoxia, acidosis, accumulation of lactate and adenosine, and nutrient deprivation can be immune suppressive.

This Special Issue will cover research topics on tumor immune microenvironment and the implications in cancer immunotherapy. Original research papers, review articles, communications, theories, hypotheses, and commentaries are all welcome.

For further information, please visit the Special Issue [website](#).



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# Special Issue



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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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