

Special Issue

Tumor Immune Microenvironment for Effective Therapy

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](#).

Guest Editor

Prof. Dr. Li Yang

Department of Internal Medicine, Brody School of Medicine, East Carolina University, Greenville, NC 27834, USA

Deadline for manuscript submissions

closed (31 October 2022)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/84382

Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

[mdpi.com/journal/
cells](https://mdpi.com/journal/cells)





Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



[mdpi.com/journal/
cells](https://mdpi.com/journal/cells)



About the Journal

Message from the Editorial Board

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.

Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE,
Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen,
Copenhagen, Denmark

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).