



cells



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Current Advances in T-cell-Based Cancer Immunotherapy

Guest Editors:

Prof. Dr. Yoshimasa Tanaka

Center for Medical Innovation,
Nagasaki University, Nagasaki
852-8588, Japan

Prof. Dr. Craig T. Morita

Carver College of Medicine,
University of Iowa, Iowa City,
Johnson County, IA 52242, USA

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editors

Dear Colleagues,

The development of immune checkpoint inhibitors revolutionized cancer treatments in the early 2010s. Whereas the introduction of the immune checkpoint inhibitors opened the new era of cancer therapy, their efficacy is not yet satisfactory. It is thus imperative to further develop T-cell-based immunotherapies, including the adoptive transfer of cytotoxic $\alpha\beta$ T cells, chimeric antigen receptor T cells, and $\gamma\delta$ T cells. In order to improve the efficacy of such T-cell-based cancer treatments, it is essential to delineate the precise mechanism underlying the effect of cultured or genetically-engineered T cells on tumor cells.

This Special Issue of Cells is for contributions on all cytobiological aspects related to T-cell-based immunotherapies. You are invited to submit your contributions in the form of original research articles, reviews, or shorter perspective articles. Relevant observations made at the cellular level could come from the following areas:

T-cell-based cancer immunotherapy

$\gamma\delta$ T cells

CAR-T cells

immune checkpoint inhibitors

combination therapy



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Special Issue



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Editors-in-Chief

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Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

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

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.

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Contact Us

Cells Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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