

Special Issue

Immune-Related Adverse Events in Cancer Patients—From Pathophysiology to Treatment and Associations with Outcomes

Message from the Guest Editors

Immunotherapy represents one of the most effective systemic anticancer therapies. Immunotherapy is usually accompanied by specific immune-related side events (irAEs) caused by impairment of immunotolerance to nontumoral tissues. The aims of understanding the pathophysiologic mechanisms underlying irAEs, finding predictive biomarkers, and developing optimal treatment strategies are of great importance in current experimental and clinical research. Moreover, there is an increasing body of evidence that the development of irAEs is associated with effects of immunotherapy; however, this association remains poorly understood. Additionally, there is an increasing number of agents influencing the immune system, used across various medical disciplines in different indications, with largely unknown impacts on cancer immunotherapies and their irAEs. This Special Issue will present research articles and reviews that cover the scope of irAEs from the point of view of both experimental and clinical researchers.

Guest Editors

Dr. Ondřej Fiala

1. Department of Oncology and Radiotherapeutics, Faculty of Medicine and University Hospital in Pilsen, Charles University, Pilsen, Czech Republic

2. Laboratory of Cancer Treatment and Tissue Regeneration, Biomedical Center, Faculty of Medicine in Pilsen, Charles University, Pilsen, Czech Republic

Dr. Václav Vaněček

Department of Pharmacology, Faculty of Medicine in Pilsen, Charles University, Pilsen, Czech Republic

Deadline for manuscript submissions

closed (1 November 2023)



Cells

an Open Access Journal
by MDPI

Impact Factor 6.0
CiteScore 11.4
Indexed in PubMed



mdpi.com/si/119689

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 6.0
CiteScore 11.4
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

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPlus / 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 14.9 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2026).