

Special Issue

In Honor of Nobel Prize in Physiology or Medicine: Cell-Mediated Immunity

Message from the Guest Editor

The current Special Issue of *Cells* is devoted to the memory of ground-breaking research in cellular immunology, and how such discoveries have paved the way for today's understanding of cell-mediated immunity controlling innate and adaptive immune responses. Such milestones include the discovery of macrophages (Metchnikoff, Nobel Prize together with Ehrlich in 1908), the conceptualization of immunological tolerance (Medawar and Macfarlane Burnett, 1960), the discovery of MHC molecules (Benacerraf, Dausset and Snell, 1980), the discovery of MHC-restricted T-cell antigen recognition (Doherty and Zinkernagel, 1996), the identification of innate immune receptors and the role of dendritic cells (Beutler, Hoffmann and Steinman, 2011). This Special Issue aims to collect papers in the field of cellular immunology with a focus on articles that illustrate how early ground-breaking work awarded with a Nobel Prize has influenced top-notch research until the present day. In this sense, we welcome articles dealing with immune cells and their role in innate and adaptive immunity.

Guest Editor

Prof. Dr. Dieter Kabelitz

Institute of Immunology, Christian-Albrechts University of Kiel, Kiel, Germany

Deadline for manuscript submissions

closed (31 July 2023)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/111336

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).