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

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.



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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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Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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