

Special Issue

Exclusive Review Papers in "Cellular Immunology"

Message from the Guest Editor

Major breakthroughs continue to be seen in the realm of cellular immunology relevant to fields including, but not exclusive to autoimmunity, oncology, infectious diseases, transplantation, and allergy. In addition to strengthening the understanding of the molecular mechanisms related to these conditions, major discoveries such as the pivotal roles of CTLA4 and PD-1 in braking T cell activation, as well as the development of novel cell-based therapies such as CAR-T cells, have led to novel therapeutic strategies that tremendously improve the survival of patients with malignancies, and potentially of patients with other immune-related conditions, such as clinical autoimmunity. In this Special Issue, recent advances in the discoveries of molecular mechanisms of cell immunology related to medical conditions, including various immunological, infectious, and malignant diseases, as well as their major ramifications pertaining to therapies and prognostications of these conditions, will be critically explored and discussed. **Keywords**

- immunology
- autoimmunity
- oncology
- transplantation
- lymphocytes
- dendritic cells
- monocytes
- plasma cells

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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.

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