Special Issue

Autoimmune Diseases: Molecular Mechanisms and Therapies

Message from the Guest Editors

Autoimmune diseases are caused by the breakage of self-tolerance and the appearance of pathogenic antibodies against normal tissue proteins. These autoantibodies may have a direct, damaging effect on their target tissues, or the autoantibodies may stimulate and activate receptor molecules and induce aberrant downstream effects. Autoimmune diseases target various tissues, such as the epidermis, thyroid, neuromuscular junction, myelinated nerves or the pancreas. The purpose of this Special Issue is to provide an overview of the molecular mechanisms of human autoimmune diseases and their therapies. We especially welcome manuscripts addressing novel molecular mechanisms of treatments for autoimmune diseases, as well as the characterization of autoantibody effects on their target cells and cellular responses induced by autoantibodies, including signaling. We encourage submission of review articles and original research papers of any length. Our aim is to provide a comprehensive update on autoimmune diseases, their pathomechanisms and therapy options. Prof.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2022)

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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.

Editors-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2024).