

Special Issue

New Pathogenic Mechanisms in Autoimmune Diseases: Focus on Immune-Regulatory Pathways

Message from the Guest Editors

It is with great pleasure and enthusiasm that we present this Special Issue of *Cells*. This issue will investigate the recent pathogenic aspects underlining autoimmune diseases in order to unveil the complexity of these conditions, especially systemic lupus erythematosus. The spread of drugs that target immune checkpoints in cancer treatment has refocused immunology regarding the possible role of co-stimulatory molecules in the pathogenesis of autoimmune diseases. This Special Issue aims to present the new, exploratory research concerning immune-regulatory pathways in systemic autoimmune diseases, considering the following conditions:

- Systemic Lupus Erythematosus;
- Inflammatory arthropathies;
- Sjögren Syndrome;
- Systemic Sclerosis;
- Myositis and Vasculitis;
- Immune-related adverse events associated with treatment with immune-checkpoints inhibitors.

We look forward to receiving your contributions summarizing or explaining your research for this Special Issue.

Guest Editors

Dr. Fulvia Ceccarelli

Dr. Francesco Natalucci

Dr. Giulio Olivieri

Deadline for manuscript submissions

closed (30 September 2023)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/124239

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).