

Special Issue

Immune Functions and Therapeutic Potential of B Lymphocytes in Autoimmune Disorders

Message from the Guest Editor

Autoimmune disorders (AID) are characterized by loss of immune tolerance to self-antigens. While several immune cell types are aberrantly activated in AID, the B cell lineage is essential for both initiating and propagating the disease process. As a result, the broad immunotherapeutic targeting of B cells has entered the clinical arena, including specific B cell depletion.

However, current approaches eradicate not only self-reactive B cells but also B cell subsets that play a protective role in immune defense. Therefore, a better understanding of B cell deregulations in AID could lead to more optimized targeted therapeutics. This Special Issue will consist of insightful articles that assist in gaining a greater understanding of the multiple roles of B lymphocytes in the initiation and progression of autoimmune reactions, as well as the novel therapeutic approaches designed to prevent and/or to treat AID. Both original research articles and review papers will be considered.

Guest Editor

Dr. Moncef M. Zouali

Institute National de la Santé et de la Recherche Médicale (INSERM),
Paris, France

Deadline for manuscript submissions

closed (20 April 2025)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2

CiteScore 10.5

Indexed in PubMed



mdpi.com/si/188945

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](http://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, CAPlus / 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 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).

