



cells



an Open Access Journal by MDPI

Immune Functions and Therapeutic Potential of B Lymphocytes in Autoimmune Disorders

Guest Editor:

Dr. Moncef M. Zouali

1. Graduate Institute of Biomedical Sciences, China Medical University Taichung, Taichung, Taiwan

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

Deadline for manuscript submissions:

20 April 2025

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.



mdpi.com/si/188945

Special Issue



cells



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
Centre, The University of
Copenhagen, Copenhagen,
Denmark

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

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)

Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/cells
cells@mdpi.com
[X@Cells_MDPI](#)