

Special Issue

New Insights into Endothelial Signaling: Inflammation, Infection and Immune Modulation

Message from the Guest Editor

This Special Issue on “New Insights into Endothelial Signaling: Inflammation, Infection, and Immune Modulation” will showcase work by leading research groups that provide mechanistic information and that will thus shed light on the complex roles of vascular endothelium in pathophysiology. I invite and welcome authors to submit original research, review, mini-review, perspective, and opinion articles focusing on, but not limited to, the following subtopics: • Redox signaling in endothelial cells (EC);

- Insights on EC differentiation and transformation;
- EC in innate and adaptive immunity;
- ECs in pathological immune responses;
- The endothelium as a target for pathogens;
- EC in vascular homeostasis and its disruption;
- Vasodilation–vasoconstriction, angiogenesis, and vasculogenesis.
- Therapeutic approaches to target ECs in inflammation–immune related diseases.

Guest Editor

Dr. Shampa Chatterjee

Department of Physiology, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA 19104, USA

Deadline for manuscript submissions

closed (30 April 2024)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/149026

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, 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).