



cells



an Open Access Journal by MDPI

Omics Technologies for Understanding Cell Pathophysiology

Guest Editors:

Prof. Dr. Ciro Isidoro

Prof. Dr. Annalisa Chiocchetti

Dr. Alessandra Ferraresi

Deadline for manuscript
submissions:

20 May 2025

Message from the Guest Editors

This Special Issue will feature a curated selection of papers from esteemed experts in the translational applications of cellular omics technologies, and in vitro/in silico modeling.

We welcome contributions on the applications (e.g., diagnosis, personalized therapy) in health and disease of innovative cellular omics technologies, including genomics, epigenomics, spliceosomics, transcriptomics, proteomics, metabolomics, exosomics, immunomics, and their impact on cell behavior, including cell signaling, cell proliferation, cell migration, cell senescence and cell transformation.

We hope that the knowledge shared within this Special Issue will stimulate further research and discussions, fostering advancements in the field of cell biology and pathophysiology.



mdpi.com/si/210525

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](#), [CAPus / 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](#)