

Special Issue

Omics Technologies for Understanding Cell Pathophysiology

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.

Guest Editors

Prof. Dr. Ciro Isidoro
Prof. Dr. Annalisa Chiocchetti
Dr. Alessandra Ferraresi

Deadline for manuscript submissions

closed (10 March 2026)



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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.

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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).