

## Special Issue

# Model Systems for Human Disease and Medicine: From Advanced Cell and Tissue Culture to In Silico Methods

### Message from the Guest Editor

This Special Issue will provide a forum to discuss and reflect on the latest progress in laboratory-based modelling for human disease and medicine, ranging from advanced cell and tissue culture to in silico methods, including but not limited to the topics of disease cell and tissue (e.g., developmental, degenerative, cancer, etc.); tissue specific stem cell; native or induced pluripotent stem cell; organoid; cell- and organ-on-a-chip technologies; and cell, gene, and drug therapy. A wide range of contributions are therefore encouraged, including original research reports, review articles, and perspective articles to summarize and reflect on the progress for a specific topic. We look forward to your contributions.

### Guest Editor

Prof. Dr. Jeremy Micah Crook

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### Deadline for manuscript submissions

closed (31 December 2024)



## Cells

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Impact Factor 5.2  
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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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### Editors-in-Chief

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Prof. Dr. Cord Brakebusch

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### Author Benefits

#### 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)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).