

Special Issue

Bioinformatics and Cells

Message from the Guest Editors

Stupendous data of different formats generated via high-throughput technologies constitute a limitless opportunity to develop computational methods to perform data analysis. This Special Issue aims to address new problems and improve results pertaining to cells using computational methods utilizing not only genomic information but other data formats including (but not limited to) clinical and imaging formats. Therefore, we welcome the submission of computational methods related, but not limited to, the following:

- Molecules;
- DNA methylation;
- Copy number variation;
- Whole exome sequencing;
- Gene expression;
- RNA sequencing data;
- Single-cell RNA-seq data;
- Cells;
- Tissues;
- Cancer;
- Viruses;
- Diseases;
- Systems biology;
- Bioinformatics;
- Biological interpretation and evaluation;
- Machine learning;
- Deep learning;
- Artificial intelligence.

Guest Editors

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Deadline for manuscript submissions

closed (25 May 2023)



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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.

Editors-in-Chief

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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).