



cells



an Open Access Journal by MDPI

Bioinformatics and Cells

Guest Editors:

Prof. Dr. Zhi Wei

Department of Computer Science, New Jersey Institute of Technology, Newark, NJ 07102, USA

Dr. Turki Turki

Department of Computer Sciences, Faculty of Computing and Information Technology, King Abdulaziz University, Jeddah, Saudi Arabia Kingdom

Deadline for manuscript submissions:

closed (25 May 2023)



mdpi.com/si/115567

Message from the Guest Editors

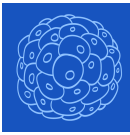
Stupendous data of different formats generated via high-throughput technologies constitute a limitless opportunity to develop computational methods to perform data analysis.

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.

Special Issue



cells

Indexed in:
PubMed

CITESCORE
9.9

IMPACT
FACTOR
5.1

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

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)

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.

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](https://twitter.com/Cells_MDPI)