

## Special Issue

# Liquid Biopsy in Complex Diseases

### Message from the Guest Editor

Cancer is a leading cause of death in the world, and part of improving survival outcomes is early detection and personalized treatment. Assessment of molecular pathology is critical for cancer treatment, as tumor grade and metastatic potential determines therapeutic efficacy. Tissue-based analyses using tumor biopsies are limited by their availability and narrow scope of sampling (i.e., only one small section of a large, heterogeneous or metastatic tumor). Recent technology uses circulating tumor DNA, termed cell-free tumor DNA (ctDNA), which is present in body fluids such as blood plasma, urine, spinal fluid from dead cancer cells may help to assess the cancer type and grade. The advantage of liquid biopsies such as ctDNA is that we can look not only on the DNA or RNA coming from the cancer cells but also on the metagenome coming from the tumor micro-environment. In this Special Issue, we are looking for papers that discuss different aspects of liquid biopsy in complex diseases, including cancers, autoimmune-diseases and their microbiomes.

### Guest Editor

Dr. Milana Frenkel-Morgenstern

Azrieli Faculty of Medicine, Bar-Ilan University, Safad, Israel

### Deadline for manuscript submissions

closed (31 October 2023)



## Cells

an Open Access Journal  
by MDPI

Impact Factor 5.2  
CiteScore 10.5  
Indexed in PubMed



[mdpi.com/si/92329](https://mdpi.com/si/92329)

*Cells*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cells@mdpi.com](mailto:cells@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[cells](https://mdpi.com/journal/cells)





# Cells

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.2  
CiteScore 10.5  
Indexed in PubMed



[mdpi.com/journal/  
cells](https://mdpi.com/journal/cells)



## 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

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE,  
Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen,  
Copenhagen, Denmark

---

### 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).