Special Issue

Current Status and Future Challenges of Liquid Biopsy— 2nd Edition

Message from the Guest Editors

Clinical testing using liquid biopsy technology has been widely used in clinical practice for treating cancer patients, and the scope of its use is further expanding. Liquid biopsy is useful for detecting genetic aberrations and/or tumor mutation burden as a less invasive alternative to tissue biopsy. In addition, liquid biopsy has gained significant attention as a promising tool for minimal residual disease (MRD) detection after curative-intent treatment. This Special Issue will cover all aspects of studies related to liquid biopsy for cancer patients, including circulating tumor cells (CTCs), circulating tumor DNA (ctDNA), circulating cell-free RNA, extracellular vesicles, and tumor-educated platelet (TEP). We invite all scientists working in the field of liquid biopsy to participate in this Special Issue.

Guest Editors

Dr. Kenichi Suda

1. School of Medicine, Kindai University, Osakasayama, Japan 2. Izumi City General Hospital, Izumi, Japan

Dr. Shuta Ohara

School of Medicine, Kindai University, Osakasayama, Japan

Deadline for manuscript submissions

1 October 2027



Cells

an Open Access Journal by MDPI

Impact Factor 5.2 CiteScore 10.5 Indexed in PubMed



mdpi.com/si/251235

Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

mdpi.com/journal/cells





Cells

an Open Access Journal by MDPI

Impact Factor 5.2 CiteScore 10.5 Indexed in PubMed



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, 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 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).

