

Special Issue

Molecular, Cellular and Biochemical Approaches of Anti-Cancer Drugs

Message from the Guest Editor

The genetic and cellular elements linked to cancer susceptibility are distinctly reliant on the cancer type and the presence of metastasis in particular organs of the patient. Authors are invited to submit original articles and reviews that advance the comprehension of the following subjects: Comprehending the mechanisms of oncogenesis at the molecular and cellular levels enables the development of targeted cancer therapeutics. Nevertheless, cancer cells develop multidrug resistance, rendering conventional anticancer therapies ineffective. This Special Issue will emphasize molecular, cellular, and biochemical strategies for anticancer treatments, as well as various methods to address multidrug resistance, including the utilization of nanoparticles and the co-administration of chemosensitizers to augment the efficacy of current medications. Developing innovative medicines that target specific pathways associated with multidrug resistance presents a promising approach to overcoming resistance. Collectively, these interdisciplinary methods enhance our understanding of cancer biology and facilitate the translation of laboratory discoveries into effective clinical treatments.

Guest Editor

Prof. Dr. Gamaleldin Ibrahim Harisa
Department of Pharmaceutics, College of Pharmacy, King Saud University, Riyadh 11451, Saudi Arabia

Deadline for manuscript submissions

closed (25 February 2026)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/246346

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

[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, 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 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).