

Special Issue

Non-Coding and Coding RNAs in Targeted Cancer Therapy

Message from the Guest Editors

This Special Issue aims to collate original research and review articles that cover recent advances in understanding the role of regulatory ncRNAs, including microRNAs, lncRNAs, ceRNAs, and circular RNAs, in the mechanisms of cancer development and progression. Studies focused on the bioinformatic and functional characterizations of novel ncRNAs as potential biomarkers and describing ncRNA-based therapeutic approaches for targeting genes involved in cancer are especially welcome. The topics to be covered in this collection include, but are not limited to, the following:

- Expression profiling of non-coding RNAs in cancer;
- Molecular mechanisms modulated by ncRNAs in human malignancies;
- Studies focused on the signaling pathways associated with ncRNA functions;
- Novel 3D cell cultures and organoid models for the analysis of ncRNAs;
- Role of ncRNAs in clinical resistance to chemo/radiotherapy in cancer;
- Applications of the system biology and bioinformatic tools in the prediction and validation of lncRNAs/microRNAs/mRNA interaction networks.

Guest Editors

Prof. Dr. César López-Camarillo

Posgrado en Ciencias Genómicas, Universidad Autónoma de la Ciudad de México, CDMX 03100, Mexico

Dr. Macrina B. Silva-Cázares

Coordinación Académica Región Altiplano, Universidad Autónoma de San Luis Potosí, Matehuala, México

Deadline for manuscript submissions

31 October 2025



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/223286

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, 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).