

Special Issue

Recent Advances in Extracellular-Intracellular Communication and Cancer Therapies

Message from the Guest Editor

The extracellular matrix (ECM) serves as an important scaffold for cell growth, proliferation, differentiation, and migration. However, the role of ECM in cell homeostasis goes far beyond structural mechanisms, extending to important ECM–cell communication and mediating cell–cell signaling. Taking this into account, in recent years, the importance of ECM in cancer progression has gained increasing interest. Exploring how extracellular–intracellular communication impacts cancer onset and progression is a key line of research, both in fundamental biology and in translational research. For this Special Issue, we invite authors as well as the participants of [The COST Action CA20121](#) to submit novel work or reviews establishing the importance of oxidative stress in Extracellular-Intracellular Communication and Cancer Therapies.

Guest Editor

Dr. Ana Rita Carlos

CE3C-CHANGE, Department of Animal Biology, Faculty of Sciences,
University of Lisbon, 1749-016 Lisbon, Portugal

Deadline for manuscript submissions

31 December 2025



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/222982

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).