

Special Issue

Molecular Studies of Aging and Anti-Aging Strategies in Animals and Humans

Message from the Guest Editor

Aging is a natural process that every individual undergoes as they progress through life. Cellular aging and cell aging are terms often used interchangeably to describe the process of deterioration and functional decline in cells as they age. However, there is a subtle distinction between the two concepts. Cellular aging refers to the overall process of aging at the cellular level, encompassing various molecular and physiological changes that occur in cells over time. On the other hand, cell aging refers explicitly to the state or condition of individual cells as they undergo aging processes. Differentiation is important because while cellular aging may involve a wide range of changes that affect multiple cells within an organism, cell aging focuses on the specific characteristics and changes within an individual cell as it ages. The concept of anti-aging refers to efforts and interventions to slow down or reverse the aging process. For this Special Issue, original and review articles on the aforementioned topics that are relevant to humans and animals are welcome.

Guest Editor

Prof. Dr. Paweł Kordowitzki

1. Department of Basic and Preclinical Sciences, Institute of Veterinary Medicine, Faculty of Biological and Veterinary Sciences, Nicolaus Copernicus University in Toruń, Toruń, Poland
2. Department of Gynecology, European Competence Center for Ovarian Cancer, Charité, Berlin, Germany

Deadline for manuscript submissions

closed (20 December 2024)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/205309

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).