

Special Issue

New Advances in Lens Biology and Pathology

Message from the Guest Editor

As we patiently await to reunite with all our international colleagues to share and exchange our research in person, this timely Special Issue on “Advances in Lens Biology and Pathology” aims to showcase some of the current major developments and discoveries from leading experts shaping the field across the globe. Due to its simple structure and defined cellular and developmental processes, the eye lens has been widely used as a model to study the structural and molecular mechanisms regulating both normal and aberrant lens cell behavior.

In this Special Issue, I invite you to contribute original research articles and reviews related to the theme. Expert articles describing mechanistic, functional, cellular, biochemical, or general aspects of lens biology and pathology are highly welcome. Relevant topics may include but are not limited to Growth Factor signaling, In vitro and in vivo models, the extracellular matrix, fibrosis, bioimaging, translational medicine, lens physiology, developmental processes, cell behavior, gene expression, cataract, oxidative stress, proliferation and/or fiber differentiation, EMT, and induction and morphogenesis.

Guest Editor

Prof. Dr. Frank Lovicu

School of Medical Sciences, The University of Sydney, Sydney, NSW 2006, Australia

Deadline for manuscript submissions

closed (30 September 2023)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/112168

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).