

Special Issue

Effects of Sex Hormones in the Regulation of Energy Metabolism in Health and Diseases

Message from the Guest Editor

Research fields include but are not limited to (1) the impact of sex hormones on structure, molecular and cellular components, physiology, and function of various tissues and organs; (2) novel pathways employed by sex hormones and their receptors in multiple organ systems that regulate physiological functions and behaviors; (3) impact of sex hormonal changes at different life stages on different metabolic systems and behaviors; (4) interaction between sex hormones and central and peripheral nervous system involving their receptors and intracellular signaling pathways in the regulation of various metabolic systems, behaviors, and related disease development and potential treatment strategies; and (5) the latest technologies for evaluating and measuring sex hormone actions in basic and translational preclinical research.

Guest Editor

Prof. Haifei Shi

Department of Biology, Miami University, Oxford, OH, USA

Deadline for manuscript submissions

closed (14 October 2022)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/63381

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).