

## Special Issue

# Mitochondrial Biology in Health and Disease

### Message from the Guest Editors

Best known for respiratory ATP production, mitochondria are deeply embedded in the life of the eukaryotic cell. They are the product of two genomes whose expression is coordinated by information shared between them, the nucleus and the rest of the cell. They participate in critical, central metabolic pathways and are fully integrated into the signalling networks that regulate diverse cellular functions. Mitochondrial defects or dysregulation play key roles in ageing and in cytopathological mechanisms underlying cancer, neurodegenerative and other diseases. This Special Issue will provide a balanced, state-of-the-art view of mitochondrial function and dysfunction in healthy and diseased cells. We seek submission of high quality articles on topics including, but not limited to, mitochondrial biogenesis, metabolism, regulation, gene expression, signalling and roles in ageing and disease. Because of their vital contributions to understanding human biology and disease, we encourage manuscripts that describe or include the use of simple model systems. Prof. Paul R. Fisher Dr. Sarah J. Annesley

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### Guest Editors

Dr. Paul Fisher

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Dr. Sarah Annesley

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### Deadline for manuscript submissions

closed (31 December 2018)



## Cells

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CiteScore 10.5  
Indexed in PubMed



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## 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.

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### Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE,  
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Prof. Dr. Cord Brakebusch

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### 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).